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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:36:33 ; Search time 0.276316 Seconds
(without alignments)
638.898 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA.*
1: /cgm2_6/ptodata/1/iaa/5A_COMB.pep.*
2: /cgm2_6/ptodata/1/iaa/5B_COMB.pep.*
3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep.*
4: /cgm2_6/ptodata/1/iaa/6B_COMB.pep.*
5: /cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
6: /cgm2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	6	1	US-08-127-351-45
2	31	100.0	6	1	US-08-480-367B-45
3	31	100.0	6	1	US-08-487-221A-45
4	31	100.0	6	1	US-08-480-370-45
5	31	100.0	6	1	US-08-299-636-24
6	31	100.0	6	1	US-08-279-155-25
7	31	100.0	6	1	US-08-464-456-24
8	31	100.0	6	1	US-08-468-543-16
9	31	100.0	6	1	US-08-477-509B-15
10	31	100.0	6	1	US-08-703-988A-25
11	31	100.0	6	1	US-08-463-052-24
12	31	100.0	6	2	US-08-480-551-24
13	31	100.0	6	2	US-08-747-137-171
14	31	100.0	6	2	US-08-469-692-16
15	31	100.0	6	2	US-08-398-046-16
16	31	100.0	6	2	US-08-612-842-25
17	31	100.0	6	3	US-08-482-085B-15
18	31	100.0	6	4	US-09-444-791A-15
19	31	100.0	7	1	US-08-468-543-11
20	31	100.0	7	2	US-08-469-692-11
21	31	100.0	7	2	US-08-398-046-11
22	31	100.0	18	1	US-08-127-351-34
23	31	100.0	18	1	US-08-480-367B-34
24	31	100.0	18	1	US-08-487-221A-34
25	31	100.0	18	1	US-08-480-370-34
26	31	100.0	18	1	US-08-299-636-13
27	31	100.0	18	1	US-08-279-155-14

28	31	100.0	18	1	US-08-464-456-13	Sequence 13, Appl
29	31	100.0	18	1	US-08-486-135-1	Sequence 1, Appl
30	31	100.0	18	1	US-08-703-988A-14	Sequence 14, Appl
31	31	100.0	18	1	US-08-470-152-1	Sequence 1, Appl
32	31	100.0	18	1	US-08-463-052-13	Sequence 13, Appl
33	31	100.0	18	2	US-08-480-551-13	Sequence 13, Appl
34	31	100.0	18	2	US-08-612-842-14	Sequence 14, Appl
35	31	100.0	18	2	US-08-290-853-28	Sequence 28, Appl
36	31	100.0	19	1	US-08-468-543-14	Sequence 14, Appl
37	31	100.0	19	2	US-08-469-692-14	Sequence 14, Appl
38	31	100.0	19	2	US-08-398-046-14	Sequence 14, Appl
39	31	100.0	20	1	US-08-486-135-19	Sequence 19, Appl
40	31	100.0	20	1	US-08-470-152-19	Sequence 19, Appl
41	31	100.0	21	1	US-08-472-535-11	Sequence 11, Appl
42	31	100.0	21	1	US-08-472-535-12	Sequence 12, Appl
43	31	100.0	21	1	US-08-484-774-11	Sequence 11, Appl
44	31	100.0	21	1	US-08-484-774-12	Sequence 12, Appl
45	31	100.0	21	2	US-08-290-853-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1

US-08-127-351-45
; Sequence 45, Application US/08127351
; Patent No. 5449761
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; TITLE OF INVENTION: CONSTRUCTS
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER &
; ADDRESSEE: NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08127,351
; FILING DATE: 28-SEP-1993
; CLASSIFICATION: 534
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 4980-004-44
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-127-351-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 26+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 2

US-08-480-367B-45
; Sequence 45, Application US/08480367B
; Patent No. 5578288
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LOWE, PRICE, LeBLANC & BECKER
; STREET: 99 Canal Center Plaza, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480.367B
; FILING DATE: 07-06-95
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 2654-002A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 684-1111
; TELEFAX: (703) 684-1124
; TELEX:
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-480-367B-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 3

US-08-487-221A-45
; Sequence 45, Application US/08487221A
; Patent No. 5593556
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &
; ADDRESS: NEUSTADT, P.C.

; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/487,221A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/127,351
; FILING DATE: 28-SEP-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Villacorta, Gilberto M.
; REGISTRATION NUMBER: 34,038
; REFERENCE/DOCKET NUMBER: 4980-004-44
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-487-221A-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 4

US-08-480-370-45
; Sequence 45, Application US/08480370
; Patent No. 5609847
; GENERAL INFORMATION:
; APPLICANT: BELINKA JR, BENJAMIN A.
; APPLICANT: COUGHLIN, DANIEL J.
; APPLICANT: ALVAREZ, VERNON L.
; APPLICANT: WOOD, RICHARD
; TITLE OF INVENTION: METAL-BINDING TARGETED POLYPEPTIDE
; NUMBER OF SEQUENCES: 56
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER &
; ADDRESS: NEUSTADT, P.C.
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480.370
; FILING DATE:
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/127,351
FILING DATE: 28-SEP-1993
ATTORNEY/AGENT INFORMATION:
NAME: Villacorta, Gilberto M.
REGISTRATION NUMBER: 34,038
REFERENCE/DOCKET NUMBER: 4980-004-44
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide
US-08-480-370-45

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 5
US-08-299-636-24
Sequence 24, Application US/08299636
Patent No. 5659041
GENERAL INFORMATION:
APPLICANT: POLLAK, Alfred
APPLICANT: KIRBY, Robert A.
APPLICANT: DUNN-DUPAULT, Robert
TITLE OF INVENTION: HYDRAZINO-TYPE RADIONUCLIDE CHELATORS
TITLE OF INVENTION: HAVING AN N3S CONFIGURATION
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Foley & Lardner
STREET: 3000 K Street, N.W., Suite 500
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/299,636
FILING DATE: 02-SEP-1994
CLASSIFICATION: 534
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/092,911
FILING DATE: 18-JUL-1993
ATTORNEY/AGENT INFORMATION:
NAME: BENT, Stephen A.
REGISTRATION NUMBER: 29,768
REFERENCE/DOCKET NUMBER: 16777/262/ALLE

TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 672-5300
TELEFAX: (202) 672-5399
TELEX: 904136
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-299-636-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 VGVAPG 6
Db 1 VGVAPG 6
RESULT 6
US-08-279-155-25
Sequence 25, Application US/08279155
Patent No. 5662885
GENERAL INFORMATION:
APPLICANT: POLLAK, Alfred
APPLICANT: GOODBODY, Anne
TITLE OF INVENTION: PEPTIDE DERIVED RADIONUCLIDE CHELATORS
NUMBER OF SEQUENCES: 38
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIKAI DO, MARMELESTEIN, MURRAY & ORAM LLP
STREET: 655 Fifteenth Street, N. W., Suite 330 - G
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-5701

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/279,155
FILING DATE: 22-JUL-1994
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: MURRAY, Robert B.
REGISTRATION NUMBER: 22,980
REFERENCE/DOCKET NUMBER: P8074-4005
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/638-5000
TELEFAX: 202/638-4810
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-279-155-25

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 7
US-08-464-456-24
Sequence 24, Application US/08464456
Patent No. 5681541
GENERAL INFORMATION:
APPLICANT: Dean, Richard T
TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
IMAGING
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Banner & Allegretti, Ltd.
STREET: 10 South Wacker Drive Suite 3000
CITY: Chicago

STATE: Illinois
COUNTRY: USA
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/464,456
FILING DATE: 05-JUN-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: No. 5681541nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1104-V
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312 715 1000
TELEFAX: 312 715 1234
TELEX: 910-221-5317
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
US-08-464-456-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 8
US-08-468-543-16
Sequence 16, Application US/08468543
Patent No. 5726153
GENERAL INFORMATION:
APPLICANT: Lees, Robert S. et al.
TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR ARTERIAL IMAGING
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,543
FILING DATE: 06-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/398,046
FILING DATE: 02-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/201,057
FILING DATE: 24-FEB-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/048,569
FILING DATE: 16-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/694,929
FILING DATE: 02-MAY-1991

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,215
FILING DATE: 03-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,142
FILING DATE: 03-MAY-1990
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/189,130
FILING DATE: 02-MAY-1988
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04547/002003
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617/542-5070
TELEFAX: 617/542-8906
TELEX: 200154
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 6
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-08-468-543-16

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 9
US-08-477-509B-15
Sequence 15, Application US/08477509B
Patent No. 5770697
GENERAL INFORMATION:
APPLICANT: Ferrari, Franco A
APPLICANT: Cappello, Joseph
APPLICANT: Crissman, John W
APPLICANT: Dorman, Mary A
TITLE OF INVENTION: No. 5770697el Peptides Comprising Repetitive
TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
NUMBER OF SEQUENCES: 112
CORRESPONDENCE ADDRESS:
ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
STREET: Four Embarcadero Center, Suite 3400
CITY: San Francisco
STATE: California
COUNTRY: US
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/477,509B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/175,155
FILING DATE: 29-DEC-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/053,049
FILING DATE: 22-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/114,618
FILING DATE: 29-OCT-1987
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 06/927,258

;; FILING DATE: 04-NOV-1986
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Trecartin, Richard F.
;; REGISTRATION NUMBER: 31,801
;; REFERENCE/DOCKET NUMBER: A-55186-7/RFT/MTK
;; TELEPHONE: 415-781-1989
;; TELEFAX: 415-398-3249
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 6 amino acids
;; TYPE: amino acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: peptide
US-08-477-509B-15

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 10

US-08-703-988A-25
; Sequence 25, Application US/08703988A
; Patent No. 5780006
; GENERAL INFORMATION:
; APPLICANT: POLLAK, Alfred
; TITLE OF INVENTION: PEPTIDE DERIVED RADIONUCLIDE
; TITLE OF INVENTION: CHELATORS
; NUMBER OF SEQUENCES: 38
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIKAIIDO, MARMELESTEIN, MURRAY & ORAM
; ADDRESSEE: LLP
; STREET: 655 Fifteenth Street, N. W., Suite 330
; STREET: G Street Lobby
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/703,988A
; FILING DATE: 28-AUG-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/279,155
; FILING DATE: 22-JUL-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: MURRAY, Robert B.
; REGISTRATION NUMBER: 22,980
; REFERENCE/DOCKET NUMBER: P8074-6011
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein

US-08-703-988A-25

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 11

US-08-463-052-24
; Sequence 24, Application US/08463052
; Patent No. 5788960
; GENERAL INFORMATION:
; APPLICANT: Dean, Richard T
; TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti, Ltd.
; STREET: 10 South Wacker Drive Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/463,052
; FILING DATE: 05-JUN-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 5788960nan, Kevin E
; REGISTRATION NUMBER: 35,303
; REFERENCE/DOCKET NUMBER: 90,1104-V
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 715 1000
; TELEFAX: 312 715 1234
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-463-052-24

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 12

US-08-480-551-24
; Sequence 24, Application US/08480551
; Patent No. 5811394
; GENERAL INFORMATION:
; APPLICANT: Dean, Richard T
; TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive Suite 3000

;
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/480,551
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/264,176
; FILING DATE:
; APPLICATION NUMBER: US 07/653,012
; FILING DATE: 08-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 90,1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 715 1000
; TELEFAX: 312 715 1234
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-480-551-24

Query Match 100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 13
US-08-747-137-171
; Sequence 171, Application US/08747137
; Patent No. 5945033
; GENERAL INFORMATION:
; APPLICANT: YEN, Richard C.K.
; TITLE OF INVENTION: NON-CROSSLINKED PROTEIN PARTICLES FOR
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USE
; NUMBER OF SEQUENCES: 184
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,137
; FILING DATE: 12-NOV-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,546
; FILING DATE: 14-MAR-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/069,831

;
; FILING DATE: 01-JUN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/959,560
; FILING DATE: 13-OCT-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/641,720
; FILING DATE: 15-JAN-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 016197-000840US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-576-0200
; INFORMATION FOR SEQ ID NO: 171:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: not relevant
; US-08-747-137-171

Query Match 100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 VGVAPG 6
Db 1 VGVAPG 6

RESULT 14
US-08-469-692-16
; Sequence 16, Application US/08469692
; Patent No. 5955055
; GENERAL INFORMATION:
; APPLICANT: Lees, Robert S. et al.
; TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR ARTERIAL IMAGING
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,692
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/398,046
; FILING DATE: 02-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/201,057
; FILING DATE: 24-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/048,569
; FILING DATE: 16-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/694,929
; FILING DATE: 02-MAY-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,215
; FILING DATE: 03-MAY-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/518,142
; FILING DATE: 03-MAY-1990
; PRIOR APPLICATION DATA:

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; APPLICATION NUMBER: US 07/189,130
; FILING DATE: 02-MAY-1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04547/002002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-469-692-16

Query Match      100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVPAG 6
Db 1 VGVPAG 6

RESULT 15
US-08-398-046-16
; Sequence 16, Application US/08398046
; Patent No. 5972890
; GENERAL INFORMATION:
; APPLICANT: Lees, Robert S. et al.
; TITLE OF INVENTION: SYNTHETIC PEPTIDES FOR
; TITLE OF INVENTION: ARTERIAL IMAGING
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM PS/2 Model 502 or 55SX
; OPERATING SYSTEM: IBM P.C. DOS (Version 3.30)
; SOFTWARE: WordPerfect (Version 5.0)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/398,046
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/201,057
; FILING DATE:
; APPLICATION NUMBER: US/08/048,569
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/694,929
; FILING DATE: May 3, 1990
; APPLICATION NUMBER: 07/517,215
; FILING DATE: May 3, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/518,142
; FILING DATE: May 3, 1990
; APPLICATION NUMBER: 07/189,130
; FILING DATE: May 2, 1988
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 04547/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 542-5070
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; TELEFAX: (617) 542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; US-08-398-046-16
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Query Match      100.0%; Score 31; DB 2; Length 6;
Best Local Similarity 100.0%; Pred. No. 2e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVPAG 6
Db 1 VGVPAG 6
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Job time : 0.276316 secs
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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:28 ; Search time 0.394737 Seconds
(without alignments)
1229.978 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGAPG 6

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Searched: 404799 seqs, 80919614 residues

Total number of hits satisfying chosen parameters: 404799

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA New:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	420	5	US-09-724-676-51208
2	31	100.0	420	5	US-09-724-676-51213
3	31	100.0	420	5	US-09-724-676A-51208
4	31	100.0	420	5	US-09-724-676A-51213
5	30	96.8	276	5	US-09-134-000C-5866
6	30	96.8	276	5	US-09-134-000C-5866
7	30	96.8	3708	5	US-09-724-676-61375
8	30	96.8	3708	5	US-09-724-676A-61375
9	30	96.8	5159	6	US-10-085-198-112
10	29	93.5	428	6	US-10-092-411A-3801
11	29	93.5	438	5	US-09-950-084-5631
12	28	90.3	74	5	US-09-513-999C-6428
13	28	90.3	80	1	PCT-US02-32727-17468
14	28	90.3	80	6	US-10-057-498-17468
15	28	90.3	154	6	US-10-294-025-383
16	28	90.3	161	6	US-10-294-025-846
17	28	90.3	271	6	US-10-267-255-141
18	28	90.3	872	5	US-09-866-020A-30
19	28	90.3	3931	6	US-10-120-801-18
20	27	87.1	32	6	US-10-174-410-239
21	27	87.1	46	6	US-10-276-774-1604
22	27	87.1	50	1	PCT-US02-32727-14537
23	27	87.1	50	1	PCT-US02-32727-23960
24	27	87.1	50	1	PCT-US02-32727-27099
25	27	87.1	50	6	US-10-057-498-14537
26	27	87.1	50	6	US-10-057-498-23960

27 27 87.1 50 6 US-10-057-498-27099 Sequence 27099, A
28 27 87.1 60 1 PCT-US02-32727-25686 Sequence 25686, A
29 27 87.1 60 6 US-10-057-498-25686 Sequence 25686, A
30 27 87.1 63 1 PCT-US02-32727-22007 Sequence 22007, A
31 27 87.1 63 6 US-10-057-498-22007 Sequence 22007, A
32 27 87.1 81 1 PCT-US02-32727-6517 Sequence 6517, Ap
33 27 87.1 81 6 US-10-057-498-6517 Sequence 6517, Ap
34 27 87.1 90 1 PCT-US02-32727-25894 Sequence 25894, A
35 27 87.1 96 1 PCT-US02-32727-23858 Sequence 23858, A
36 27 87.1 96 6 US-10-057-498-23858 Sequence 23858, A
37 27 87.1 99 1 PCT-US02-32727-3056 Sequence 3056, Ap
38 27 87.1 99 6 US-10-057-498-3056 Sequence 3056, Ap
39 27 87.1 104 6 US-10-320-354-26 Sequence 26, Appl
40 27 87.1 120 6 US-10-335-483-24 Sequence 24, Appl
41 27 87.1 124 6 US-10-230-437-28 Sequence 28, Appl
42 27 87.1 124 6 US-10-219-076-28 Sequence 28, Appl
43 27 87.1 124 6 US-10-219-473-28 Sequence 28, Appl
44 27 87.1 124 6 US-10-219-473-28 Sequence 28, Appl
45 27 87.1 124 6 US-10-219-477-28 Sequence 28, Appl

ALIGNMENTS

RESULT 1
US-09-724-676-51208
; Sequence 51208, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51208
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-51208

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAPG 6
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Db 367 VGAPG 372

RESULT 2
US-09-724-676-51213
; Sequence 51213, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51213
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-51213

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGAPG 6
|||
Db 367 VGAPG 372

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Db 367 VGVAPG 372

RESULT 3
US-09-724-676A-51208
; Sequence 51208, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51208
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-51208

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 367 VGVAPG 372

RESULT 4
US-09-724-676A-51213
; Sequence 51213, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51213
; LENGTH: 420
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-51213

Query Match 100.0%; Score 31; DB 5; Length 420;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 367 VGVAPG 372

RESULT 5
US-09-134-000C-5866
; Sequence 5866, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5866
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5866

Query Match 96.8%; Score 30; DB 5; Length 276;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 194 VGIAPG 199

RESULT 6
US-09-134-000C-5866
; Sequence 5866, Application US/09134000C
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; FILE REFERENCE: 032796-032
; CURRENT APPLICATION NUMBER: US/09/134,000C
; CURRENT FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/055,778
; NUMBER OF SEQ ID NOS: 6812
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5866
; LENGTH: 276
; TYPE: PRT
; ORGANISM: Enterococcus faecalis
US-09-134-000C-5866

Query Match 96.8%; Score 30; DB 5; Length 276;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 194 VGIAPG 199

RESULT 7
US-09-724-676-61375
; Sequence 61375, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61375
; LENGTH: 3708
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-61375

Query Match 96.8%; Score 30; DB 5; Length 3708;
Best Local Similarity 83.3%; Pred. No. 3.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||
Db 1615 IGVAPG 1620

RESULT 8
US-09-724-676A-61375
; Sequence 61375, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
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; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61375
; LENGTH: 3708
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-61375

Query Match          96.8%; Score 30; DB 5; Length 3708;
Best Local Similarity 83.3%; Pred. No. 3.2e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVPAG 6
   :|||||
Db 1615 IGVPAG 1620

RESULT 9
US-10-085-198-112
; Sequence 112, Application US/10085198
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 112
; LENGTH: 5159
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-085-198-112

Query Match          96.8%; Score 30; DB 6; Length 5159;
Best Local Similarity 83.3%; Pred. No. 4.6e+03;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVPAG 6
   :|||||
Db 2864 IGVPAG 2869

RESULT 10
US-10-092-411A-3801
; Sequence 3801, Application US/10092411A
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucette-Stamm et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 032796-101
; CURRENT APPLICATION NUMBER: US/10/092,411A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: US 09/134,001
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779
; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5676
; SEQ ID NO 3801
; LENGTH: 428
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-10-092-411A-3801

Query Match          93.5%; Score 29; DB 6; Length 428;
Best Local Similarity 66.7%; Pred. No. 5.1e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVPAG 6
   :|||||
Db 329 IGIAPG 334

RESULT 11
US-09-950-084-5631
; Sequence 5631, Application US/09950084
; GENERAL INFORMATION:
; APPLICANT: George H. Shimer, Jr.
; APPLICANT: George H. Miller
; APPLICANT: Roberta S. Hare
; APPLICANT: Karen J. Shaw
; TITLE OF INVENTION: Staphylococcus aureus Related Compositions and Methods
; FILE REFERENCE: 1034/1C963US2
; CURRENT APPLICATION NUMBER: US/09/950,084
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US 09/417,811
; PRIOR FILING DATE: 1999-10-14
; PRIOR APPLICATION NUMBER: US 09/353,718
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: US 09/266,557
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,556
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,555
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,542
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/266,541
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/037,934
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: US 09/036,720
; PRIOR FILING DATE: 1998-03-06
; PRIOR APPLICATION NUMBER: US 09/036,338
; PRIOR FILING DATE: 1998-03-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 7451
; SEQ ID NO 5631
; LENGTH: 438
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-09-950-084-5631

Query Match          93.5%; Score 29; DB 5; Length 438;
Best Local Similarity 66.7%; Pred. No. 5.2e+02;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVPAG 6
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Db 339 IGIAPG 344
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RESULT 12
US-09-513-999C-6428
; Sequence 6428, Application US/09513999C
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 6428
; LENGTH: 74
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 3
; OTHER INFORMATION: Xaa=Gln or Arg
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 29
; OTHER INFORMATION: Xaa= * or Cys or Phe or Ile or Lys or Leu or Met or Asn or Arg
; FEATURE:
; NAME/KEY: UNSURE
; LOCATION: 58
; OTHER INFORMATION: Xaa=Gly or Arg
US-09-513-999C-6428

Query Match          90.3%; Score 28; DB 5; Length 74;
Best Local Similarity 83.3%; Pred. No. 1.2e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
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Db 20 VGVAPG 25

RESULT 13
PCT-US02-32727-17468
; Sequence 17468, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siqing
; APPLICANT: Jen, Shyian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglas, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514C1
; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 17468
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Propionibacterium acnes
PCT-US02-32727-17468

Query Match          90.3%; Score 28; DB 1; Length 80;
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Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   ||:||||
Db 36 VGVAPG 41

RESULT 14
US-10-057-498-17468
; Sequence 17468, Application US/10057498
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514
; CURRENT APPLICATION NUMBER: US/10/057,498
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 29212
; SEQ ID NO 17468
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Propionibacterium acnes
US-10-057-498-17468

Query Match          90.3%; Score 28; DB 6; Length 80;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPG 6
   ||:||||
Db 36 VGVAPG 41

RESULT 15
US-10-294-025-383
; Sequence 383, Application US/10294025
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Stolk, John A.
; APPLICANT: Kalos, Michael D.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
; FILE REFERENCE: 210121.427C29
; CURRENT APPLICATION NUMBER: US/10/294,025
; CURRENT FILING DATE: 2002-11-12
; NUMBER OF SEQ ID NOS: 1038
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 383
; LENGTH: 154
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-294-025-383
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Query Match          90.3%; Score 28; DB 6; Length 154;
Best Local Similarity 83.3%; Pred. No. 2.7e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
   ||:||||
Db 87 LGVAPG 92

Search completed: February 3, 2003, 09:46:34
Job time : 0.394737 secs
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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:08 ; Search time 3.21316 Seconds
(without alignments)
1203.924 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 4569144 seqs, 644733110 residues

Total number of hits satisfying chosen parameters: 4569144

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Pending Patents AA Main.*

1:	/cgn2_6/ptodata/1/paa/PCTUS_COMB.pep.*
2:	/cgn2_6/ptodata/1/paa/US06_COMB.pep.*
3:	/cgn2_6/ptodata/1/paa/US07_COMB.pep.*
4:	/cgn2_6/ptodata/1/paa/US080_COMB.pep.*
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10:	/cgn2_6/ptodata/1/paa/US086_COMB.pep.*
11:	/cgn2_6/ptodata/1/paa/US087_COMB.pep.*
12:	/cgn2_6/ptodata/1/paa/US088_COMB.pep.*
13:	/cgn2_6/ptodata/1/paa/US089_COMB.pep.*
14:	/cgn2_6/ptodata/1/paa/US090_COMB.pep.*
15:	/cgn2_6/ptodata/1/paa/US091_COMB.pep.*
16:	/cgn2_6/ptodata/1/paa/US092_COMB.pep.*
17:	/cgn2_6/ptodata/1/paa/US093_COMB.pep.*
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20:	/cgn2_6/ptodata/1/paa/US096_COMB.pep.*
21:	/cgn2_6/ptodata/1/paa/US097_COMB.pep.*
22:	/cgn2_6/ptodata/1/paa/US098_COMB.pep.*
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25:	/cgn2_6/ptodata/1/paa/US101_COMB.pep.*
26:	/cgn2_6/ptodata/1/paa/US102_COMB.pep.*
27:	/cgn2_6/ptodata/1/paa/US60_COMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	6	1	PCT-US99-04440-52
2	31	100.0	6	6	US-08-263-758-24
3	31	100.0	6	8	US-08-477-509-15
4	31	100.0	6	8	US-08-482-085-15
5	31	100.0	6	16	US-09-258-723-52
6	31	100.0	6	18	US-09-463-158A-7

7	31	100.0	6	19	US-09-511-008-1	Sequence 1, Appli
8	31	100.0	6	19	US-09-511-416-1	Sequence 1, Appli
9	31	100.0	6	19	US-09-554-996-1	Sequence 1, Appli
10	31	100.0	6	22	US-09-837-969A-52	Sequence 52, Appl
11	31	100.0	6	22	US-09-841-321A-52	Sequence 52, Appl
12	31	100.0	6	22	US-09-841-334A-52	Sequence 52, Appl
13	31	100.0	6	22	US-09-861-972-1	Sequence 1, Appli
14	31	100.0	6	22	US-09-861-972-2	Sequence 2, Appli
15	31	100.0	6	22	US-09-861-972-3	Sequence 3, Appli
16	31	100.0	6	22	US-09-861-972-4	Sequence 4, Appli
17	31	100.0	6	22	US-09-861-972-5	Sequence 5, Appli
18	31	100.0	6	22	US-09-861-972-6	Sequence 6, Appli
19	31	100.0	6	23	US-09-972-843-2	Sequence 2, Appli
20	31	100.0	6	24	US-10-096-986-15	Sequence 15, Appl
21	31	100.0	18	6	US-08-263-758-13	Sequence 13, Appl
22	31	100.0	18	9	US-08-582-134A-1	Sequence 1, Appli
23	31	100.0	20	9	US-08-582-134A-19	Sequence 19, Appl
24	31	100.0	37	27	US-60-160-203-5845	Sequence 5845, Ap
25	31	100.0	42	19	US-09-554-996-2	Sequence 2, Appli
26	31	100.0	117	17	US-09-340-736A-9	Sequence 9, Appli
27	31	100.0	117	17	US-09-340-736E-9	Sequence 9, Appli
28	31	100.0	118	17	US-09-340-736A-10	Sequence 10, Appl
29	31	100.0	118	17	US-09-340-736E-10	Sequence 10, Appl
30	31	100.0	125	25	US-10-104-047-3201	Sequence 3201, Ap
31	31	100.0	148	1	PCT-US99-04440-14	Sequence 14, Appl
32	31	100.0	148	16	US-09-258-723-14	Sequence 14, Appl
33	31	100.0	148	22	US-09-837-969A-14	Sequence 14, Appl
34	31	100.0	148	22	US-09-841-321A-14	Sequence 14, Appl
35	31	100.0	148	22	US-09-841-334A-14	Sequence 14, Appl
36	31	100.0	173	23	US-09-902-540-15619	Sequence 15619, A
37	31	100.0	199	17	US-09-340-736A-11	Sequence 11, Appl
38	31	100.0	199	17	US-09-340-736E-11	Sequence 11, Appl
39	31	100.0	200	17	US-09-340-736A-2	Sequence 2, Appli
40	31	100.0	200	17	US-09-340-736E-2	Sequence 2, Appli
41	31	100.0	201	17	US-09-340-736-2	Sequence 2, Appli
42	31	100.0	240	27	US-60-360-039-8821	Sequence 8821, Ap
43	31	100.0	249	21	US-09-791-537-7176	Sequence 7176, Ap
44	31	100.0	249	21	US-09-791-537-37805	Sequence 37805, A
45	31	100.0	249	21	US-09-791-537-132174	Sequence 132174,

ALIGNMENTS

RESULT 1
PCT-US99-04440-52
; Sequence 52, Application PC/TUS9904440
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan W.
; APPLICANT: Parker, Timothy M.
; APPLICANT: Glazer, Paul A.
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and
; TITLE OF INVENTION: Restoration
; FILE REFERENCE: BERL-020/02WO
; CURRENT APPLICATION NUMBER: PCT/US99/04440
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 60/087155
; EARLIER FILING DATE: 1998-05-29
; EARLIER APPLICATION NUMBER: 60/076297
; EARLIER FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
PCT-US99-04440-52

Query Match 100.0%; Score 31; DB 1; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 2

US-08-263-758-24
; Sequence 24, Application US/08263758
; GENERAL INFORMATION:
; APPLICANT: Dean, Richard T
; TITLE OF INVENTION: Technetium-99m Labeled Polypeptides for
; TITLE OF INVENTION: Imaging
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Allegretti & Witcoff, Ltd.
; STREET: 10 South Wacker Drive Suite 3000
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/263,758
; FILING DATE: 22-JUN-1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/653,012
; FILING DATE: 08-FEB-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McDonnell, John J
; REGISTRATION NUMBER: 26,949
; REFERENCE/DOCKET NUMBER: 90,1104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312 715 1000
; TELEFAX: 312 715 1234
; TELEX: 910-221-5317
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-263-758-24

Query Match 100.0%; Score 31; DB 6; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 3

US-08-477-509-15
; Sequence 15, Application US/08477509
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A
; APPLICANT: Cappello, Joseph
; APPLICANT: Criseman, John w
; APPLICANT: Dorman, Mary A
; TITLE OF INVENTION: Novel Peptides Comprising Repetitive
; TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco

; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,509
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: a-55186-6/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-477-509-15

Query Match 100.0%; Score 31; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 4

US-08-482-085-15
; Sequence 15, Application US/08482085
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A
; APPLICANT: Cappello, Joseph
; APPLICANT: Criseman, John w
; APPLICANT: Dorman, Mary A
; TITLE OF INVENTION: Novel Peptides Comprising Repetitive
; TITLE OF INVENTION: Units of Amino Acids and DNA Sequences Encoding the Same
; NUMBER OF SEQUENCES: 108
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,085
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: a-55186-6/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 6 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-482-085-15

Query Match 100.0%; Score 31; DB 8; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 5

US-09-258-723-52
; Sequence 52, Application US/09258723
; GENERAL INFORMATION:

; APPLICANT: Urry, Dan W.
; APPLICANT: Parker, Timothy M.
; APPLICANT: Glazer, Paul A.
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and
; TITLE OF INVENTION: Restoration
; FILE REFERENCE: BERL-020/020US
; CURRENT APPLICATION NUMBER: US/09/258.723
; CURRENT FILING DATE: 1999-02-26
; EARLIER APPLICATION NUMBER: 60/087155
; EARLIER FILING DATE: 1998-05-29
; EARLIER APPLICATION NUMBER: 60/076297
; EARLIER FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:synthetic
US-09-258-723-52

Query Match 100.0%; Score 31; DB 16; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 6

US-09-463-158A-7
; Sequence 7, Application US/09463158A
; GENERAL INFORMATION:

; APPLICANT: Matossian-Rogers, Arpi
; TITLE OF INVENTION: Ligands Including Antibodies, Showing Reactivity Against Endocrin
; FILE REFERENCE: CARP0076
; CURRENT APPLICATION NUMBER: US/09/463.158A
; CURRENT FILING DATE: 2000-01-20
; PRIOR APPLICATION NUMBER: 9715281.3
; PRIOR FILING DATE: 1997-07-21
; PRIOR APPLICATION NUMBER: 9810676.8
; PRIOR FILING DATE: 1998-05-18
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide
US-09-463-158A-7

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 7

US-09-511-008-1
; Sequence 1, Application US/09511008
; GENERAL INFORMATION:

; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Arterial Wall
; TITLE OF INVENTION: Destructive Disorders
; FILE REFERENCE: 020618-0006000US
; CURRENT APPLICATION NUMBER: US/09/511.008
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:elastin
; OTHER INFORMATION: degradation product (EDP)
US-09-511-008-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 8

US-09-511-416-1
; Sequence 1, Application US/09511416
; GENERAL INFORMATION:

; APPLICANT: Hageman, Gregory S.
; APPLICANT: University of Iowa Research Foundation
; TITLE OF INVENTION: Diagnostics and Therapeutics for Macular
; TITLE OF INVENTION: Degeneration
; FILE REFERENCE: 020618-0007000US
; CURRENT APPLICATION NUMBER: US/09/511.416
; CURRENT FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/120,822
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/120,668
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: US 60/123,052
; PRIOR FILING DATE: 1999-03-05
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:elastin
; OTHER INFORMATION: degradation product (EDP)
US-09-511-416-1

US-09-511-416-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 9

US-09-554-996-1
; Sequence 1, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Homo sapiens

US-09-554-996-1

Query Match 100.0%; Score 31; DB 19; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 10

US-09-837-969A-52
; Sequence 52, Application US/09837969A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-08-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-837-969A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 11

US-09-841-321A-52
; Sequence 52, Application US/09841321A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-841-321A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 12

US-09-841-334A-52
; Sequence 52, Application US/09841334A
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; APPLICANT: Parker, Timothy
; APPLICANT: Glazer, Paul
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/05US
; CURRENT APPLICATION NUMBER: US/09/841,334A
; CURRENT FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic

US-09-841-334A-52

Query Match 100.0%; Score 31; DB 22; Length 6;
Best Local Similarity 100.0%; Pred. No. 4.2e+06;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||

Db 1 VGVAPG 6

RESULT 13

US-09-861-972-1

; Sequence 1, Application US/09861972

; GENERAL INFORMATION:

; APPLICANT: Seiberg, Miri

; APPLICANT: Shapiro, Stanley

; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

; TITLE OF INVENTION: Darkening the Skin

; FILE REFERENCE: J&J 1992

; CURRENT APPLICATION NUMBER: US/09/861,972

; CURRENT FILING DATE: 2001-05-21

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 1

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Peptide

; NAME/KEY: misc.feature

; LOCATION: (4)..(4)

; OTHER INFORMATION: C-terminal amidation

US-09-861-972-1

Query Match

Best Local Similarity 100.0%; Score 31; DB 22; Length 6;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||

Db 1 VGVAPG 6

RESULT 14

US-09-861-972-2

; Sequence 2, Application US/09861972

; GENERAL INFORMATION:

; APPLICANT: Seiberg, Miri

; APPLICANT: Shapiro, Stanley

; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

; TITLE OF INVENTION: Darkening the Skin

; FILE REFERENCE: J&J 1992

; CURRENT APPLICATION NUMBER: US/09/861,972

; CURRENT FILING DATE: 2001-05-21

; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2

; LENGTH: 6

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic Peptide

US-09-861-972-2

Query Match

Best Local Similarity 100.0%; Score 31; DB 22; Length 6;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||||

Db 1 VGVAPG 6

RESULT 15

US-09-861-972-3

; Sequence 3, Application US/09861972

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GenCore version 5.1.3
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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:37:48 ; Search time 0.181579 Seconds
(without alignments)
666.770 Million cell updates/sec

Title: US-09-554-996-1

Perfect score: 31

Sequence: 1 VGVAPG 6

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 122226 seqs, 20178551 residues

Total number of hits satisfying chosen parameters: 122226

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*
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12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pep:*
13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*
14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	31	100.0	6	9	US-09-861-972-1
2	31	100.0	6	9	US-09-861-972-2
3	31	100.0	6	9	US-09-861-972-3
4	31	100.0	6	9	US-09-861-972-4
5	31	100.0	6	9	US-09-861-972-5
6	31	100.0	6	9	US-09-861-972-6
7	31	100.0	6	10	US-09-837-969A-52
8	31	100.0	6	10	US-09-841-321A-52
9	31	100.0	148	10	US-09-837-969A-14
10	31	100.0	148	10	US-09-841-321A-14
11	31	100.0	336	10	US-09-925-300-1408
12	31	100.0	745	10	US-09-837-969A-38
13	31	100.0	745	10	US-09-841-321A-38
14	30	96.8	659	12	US-10-090-624-12
15	29	93.5	111	10	US-09-939-980-437
16	29	93.5	416	10	US-09-815-242-10139
17	29	93.5	416	10	US-09-815-242-13839
18	29	93.5	418	10	US-09-815-242-11877
19	29	93.5	422	10	US-09-815-242-12622

20	29	93.5	423	10	US-09-815-242-5428	Sequence 5428, Ap
21	29	93.5	425	10	US-09-815-242-11283	Sequence 11283, A
22	28	90.3	154	9	US-10-012-896-383	Sequence 383, App
23	28	90.3	154	9	US-09-895-793-383	Sequence 383, App
24	28	90.3	154	9	US-09-895-814-383	Sequence 383, App
25	28	90.3	154	10	US-09-759-143-383	Sequence 383, App
26	28	90.3	154	10	US-09-780-663-383	Sequence 383, App
27	28	90.3	154	10	US-09-822-827-383	Sequence 383, App
28	28	90.3	161	9	US-10-012-896-846	Sequence 846, App
29	28	90.3	161	9	US-09-895-793-846	Sequence 846, App
30	28	90.3	161	9	US-09-895-814-846	Sequence 846, App
31	28	90.3	161	10	US-09-759-143-846	Sequence 846, App
32	28	90.3	161	10	US-09-780-663-846	Sequence 846, App
33	28	90.3	161	10	US-09-822-827-846	Sequence 846, App
34	28	90.3	173	10	US-09-764-870-520	Sequence 520, App
35	28	90.3	854	9	US-10-128-870-27	Sequence 27, Appli
36	28	90.3	872	10	US-09-813-148-5	Sequence 5, Appli
37	28	90.3	1086	10	US-09-900-237-10	Sequence 10, Appl
38	27	87.1	43	10	US-09-864-761-3935	Sequence 3935, A
39	27	87.1	78	9	US-09-897-878B-10	Sequence 10, Appl
40	27	87.1	79	9	US-09-897-878B-7	Sequence 7, Appli
41	27	87.1	91	9	US-09-897-878B-9	Sequence 9, Appli
42	27	87.1	92	9	US-09-897-878B-6	Sequence 6, Appli
43	27	87.1	93	10	US-09-764-870-533	Sequence 533, App
44	27	87.1	105	9	US-09-897-878B-8	Sequence 8, Appli
45	27	87.1	106	9	US-09-897-878B-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1

US-09-861-972-1
; Sequence 1, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; TITLE OF INVENTION: Darkening the Skin
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 1
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: C-terminal amidation
US-09-861-972-1

Query Match 100.0%; Score 31; DB 9; Length 6;

Best Local Similarity 100.0%; Pred. No. 1e+05;

Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6

Db 1 VGVAPG 6

RESULT 2

US-09-861-972-2
; Sequence 2, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof

; TITLE OF INVENTION: Darkening the Skin
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
US-09-861-972-2

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||
Db 1 VGVAPG 6

RESULT 3

US-09-861-972-3
; Sequence 3, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Palmitoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: Amidated C-terminus
US-09-861-972-3

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||
Db 1 VGVAPG 6

RESULT 4

US-09-861-972-4
; Sequence 4, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: MISC FEATURE
; LOCATION: (1)..(1)
; OTHER INFORMATION: Palmitoyl N-terminus
US-09-861-972-4

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||
Db 1 VGVAPG 6

RESULT 5

US-09-861-972-5
; Sequence 5, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Staratoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Stearatoyl N-terminus
; NAME/KEY: misc_feature
; LOCATION: (4)..(4)
; OTHER INFORMATION: Amidated C-terminus
US-09-861-972-5

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
|||
Db 1 VGVAPG 6

RESULT 6

US-09-861-972-6
; Sequence 6, Application US/09861972
; Publication No. US20020197219A1
; GENERAL INFORMATION:
; APPLICANT: Seiberg, Miri
; APPLICANT: Shapiro, Stanley
; TITLE OF INVENTION: Composition Containing a Peptide and a Pigment and the Use Thereof
; FILE REFERENCE: J&J 1992
; CURRENT APPLICATION NUMBER: US/09/861,972
; CURRENT FILING DATE: 2001-05-21

; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Peptide
; NAME/KEY: misc.feature
; LOCATION: (1)..(1)
; OTHER INFORMATION: Stearatoyl N-terminus
US-09-861-972-6

Query Match 100.0%; Score 31; DB 9; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 7

US-09-837-969A-52
; Sequence 52, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic
US-09-837-969A-52

Query Match 100.0%; Score 31; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 8

US-09-841-321A-52
; Sequence 52, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29

; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 52
; LENGTH: 6
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic
US-09-841-321A-52

Query Match 100.0%; Score 31; DB 10; Length 6;
Best Local Similarity 100.0%; Pred. No. 1e+05;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 1 VGVAPG 6

RESULT 9

US-09-837-969A-14
; Sequence 14, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-837-969A-14

Query Match 100.0%; Score 31; DB 10; Length 148;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
| | | | |
Db 94 VGVAPG 99

RESULT 10

US-09-841-321A-14
; Sequence 14, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155

; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
US-09-841-321A-14

Query Match 100.0%; Score 31; DB 10; Length 148;
Best Local Similarity 100.0%; Pred. No. 18;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 94 VGVAPG 99

RESULT 11

US-09-925-300-1408
; Sequence 1408, Application US/09925300
; Patent No. US20020151681A1
; GENERAL INFORMATION:
; APPLICANT: Craig Rosen,
; APPLICANT: Steve Ruben
; TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies
; FILE REFERENCE: PA101
; CURRENT APPLICATION NUMBER: US/09/925,300
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: PCT/US00/05988
; PRIOR FILING DATE: 2000-03-08
; PRIOR APPLICATION NUMBER: 60/124,270
; PRIOR FILING DATE: 1999-03-12
; NUMBER OF SEQ ID NOS: 1890
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1408
; LENGTH: 336
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-925-300-1408

Query Match 100.0%; Score 31; DB 10; Length 336;
Best Local Similarity 100.0%; Pred. No. 42;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 283 VGVAPG 288

RESULT 12

US-09-837-969A-38
; Sequence 38, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
US-09-837-969A-38

Query Match 100.0%; Score 31; DB 10; Length 745;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 644 VGVAPG 649

RESULT 13

US-09-841-321A-38
; Sequence 38, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
US-09-841-321A-38

Query Match 100.0%; Score 31; DB 10; Length 745;
Best Local Similarity 100.0%; Pred. No. 93;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 644 VGVAPG 649

RESULT 14

US-10-090-624-12
; Sequence 12, Application US/10090624
; Patent No. US20020132335A1
; GENERAL INFORMATION:
; APPLICANT: TAKAKURA, Hikaru
; APPLICANT: MORISHITA, Mio
; APPLICANT: SHIMOJO, Tomoko
; APPLICANT: ASADA, Kiyozo
; APPLICANT: KATO, Ikunoshin
; TITLE OF INVENTION: SYSTEM FOR EXPRESSING HYPERTHERMOSTABLE
; FILE REFERENCE: TAKAKURA-6
; CURRENT APPLICATION NUMBER: US/10/090,624
; CURRENT FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 09/445,472
; PRIOR FILING DATE: 1999-12-06

; PRIOR APPLICATION NUMBER: 151969/1997
; PRIOR FILING DATE: 1997-06-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 659
; TYPE: PRT
; ORGANISM: Thermococcus celer
US-10-090-624-12

Query Match 96.8%; Score 30; DB 12; Length 659;
Best Local Similarity 83.3%; Pred. No. 1.3e+02;
Matches 5; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 219 IGVAPG 224

RESULT 15

US-09-939-980-437
; Sequence 437, Application US/09939980
; Patent No. US2002082234A1
; GENERAL INFORMATION:
; APPLICANT: Black, Michael
; Burnham, Martin
; Hodgson, John
; Knowles, David
; Lonetto, Michael
; Nicholas, Richard
; Pratt, Julie
; Reichard, Richard
; Rosenberg, Martin
; Ward, Judith
; TITLE OF INVENTION: No. US2002082234A1el prokaryotic Polynucleotides,
; Polypeptides and Their Uses
; NUMBER OF SEQUENCES: 534
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/939,980
; FILING DATE: 27-Aug-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/936,165
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Gimmil, Edward R
; REGISTRATION NUMBER: 38,891
; REFERENCE/DOCKET NUMBER: P50549
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-4478
; TELEFAX: 610-270-5090
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 437:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 111 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 437:
US-09-939-980-437

Query Match 93.5%; Score 29; DB 10; Length 111;
Best Local Similarity 66.7%; Pred. No. 34;
Matches 4; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPG 6
Db 80 IGVAPG 85

Search completed: February 3, 2003, 09:47:03
Job time : 0.181579 secs

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APPLICANT: Jen, Shyian
APPLICANT: Lodes, Michael
APPLICANT: Benson, Darin
APPLICANT: Jones, Robert
APPLICANT: Carter, Darriek
APPLICANT: Barth, Brenda
APPLICANT: Douglass, John
TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acnes
FILE REFERENCE: 210121.514C1
CURRENT APPLICATION NUMBER: PCT/US02/32727
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 30992
SEQ ID NO 5404
LENGTH: 117
TYPE: PRT
ORGANISM: Propionibacterium acnes
PCT-US02-32727-5404

Query Match 54.8%; Score 119; DB 1; Length 117;
Best Local Similarity 61.9%; Pred. No. 0.0002;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 35 VGV 76

RESULT 3
US-10-057-498-5404
Sequence 5404, Application US/10057498
GENERAL INFORMATION:
APPLICANT: Mitcham, Jennifer
APPLICANT: Skeiky, Yasir
APPLICANT: Persing, David
TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acnes
FILE REFERENCE: 210121.514
CURRENT APPLICATION NUMBER: US/10/057,498
CURRENT FILING DATE: 2001-04-20
NUMBER OF SEQ ID NOS: 29212
SEQ ID NO 5404
LENGTH: 117
TYPE: PRT
ORGANISM: Propionibacterium acnes
US-10-057-498-5404

Query Match 54.8%; Score 119; DB 6; Length 117;
Best Local Similarity 61.9%; Pred. No. 0.0002;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 35 VGV 76

RESULT 4
PCT-US02-32727-30253
Sequence 30253, Application PC/TUS0232727
GENERAL INFORMATION:
APPLICANT: Mitcham, Jennifer
APPLICANT: Skeiky, Yasir
APPLICANT: Persing, David
APPLICANT: Bhatia, Ajay
APPLICANT: Maisonneuve, Jean Francois
APPLICANT: Zhang, Yanni
APPLICANT: Wang, Shyian
APPLICANT: Lodes, Michael
APPLICANT: Benson, Darin
APPLICANT: Jones, Robert
APPLICANT: Carter, Darriek
APPLICANT: Barth, Brenda
APPLICANT: Douglass, John
TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acnes

FILE REFERENCE: 210121.514C1
CURRENT APPLICATION NUMBER: PCT/US02/32727
CURRENT FILING DATE: 2002-10-11
NUMBER OF SEQ ID NOS: 30992
SEQ ID NO 30253
LENGTH: 369
TYPE: PRT
ORGANISM: Propionibacterium acnes
PCT-US02-32727-30253

Query Match 53.9%; Score 117; DB 1; Length 369;
Best Local Similarity 61.9%; Pred. No. 0.00097;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 35 VGV 76

RESULT 5
US-09-251-638B-4
Sequence 4, Application US/09251638B
GENERAL INFORMATION:
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
STRENGTH, WATER ABSORPTION AND DYE BINDING
FILE REFERENCE: 1483-R-00
CURRENT APPLICATION NUMBER: US/09/251,638B
CURRENT FILING DATE: 1999-02-17
PRIOR APPLICATION NUMBER: 60/074,997
PRIOR FILING DATE: 1998-02-17
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 4
LENGTH: 100
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-251-638B-4

Query Match 51.8%; Score 112.5; DB 5; Length 100;
Best Local Similarity 81.0%; Pred. No. 0.00067;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVPAGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 17 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 51

RESULT 6
US-09-251-638B-3
Sequence 3, Application US/09251638B
GENERAL INFORMATION:
APPLICANT: DANIELL, HENRY
TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
STRENGTH, WATER ABSORPTION AND DYE BINDING
FILE REFERENCE: 1483-R-00
CURRENT APPLICATION NUMBER: US/09/251,638B
CURRENT FILING DATE: 1999-02-17
PRIOR APPLICATION NUMBER: 60/074,997
PRIOR FILING DATE: 1998-02-17
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 605
TYPE: PRT
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-251-638B-3

```

Query Match      51.8%; Score 112.5; DB 5; Length 605;
Best Local Similarity 81.0%; Pred. No. 0.004;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVPAGVAGVGLAPGVGVPAGVGVGVPAGVGVAPG 42
Db 522 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 556

RESULT 7
US-09-251-638B-5
; Sequence 5, Application US/09251638B
; GENERAL INFORMATION:
; APPLICANT: DANIELLE, HENRY
; TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
; FILE REFERENCE: 1483-R-00
; CURRENT APPLICATION NUMBER: US/09/251.638B
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/074,997
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: repeat unit
; LOCATION: 1..605
; OTHER INFORMATION: Repeats at least once
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-251-638B-5

Query Match      51.8%; Score 112.5; DB 5; Length 605;
Best Local Similarity 81.0%; Pred. No. 0.004;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVAPGVGVPAGVAGVGLAPGVGVPAGVGVGVPAGVGVAPG 42
Db 522 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 556

RESULT 8
PCT-US02-32727-25900
; Sequence 25900, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siging
; APPLICANT: Jen, Shyian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglass, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acnes v
; FILE REFERENCE: 210121.514C1
; CURRENT APPLICATION NUMBER: PCT/US02/32727
; CURRENT FILING DATE: 2002-10-11
; NUMBER OF SEQ ID NOS: 30992
; SEQ ID NO 25900
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Propioni acnes

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PCT-US02-32727-25900

Query Match      45.9%; Score 99.5; DB 1; Length 60;
Best Local Similarity 50.0%; Pred. No. 0.0059;
Matches 23; Conservative 3; Mismatches 15; Indels 5; Gaps 1;

Qy 1 VGVAPGVGVA-----PGVGVAPGVGLAPGVGVPAGVGVAPGVGVAP 41
Db 12 VVAAPGTGLTVASPEVAGVGVGVGVGVGVGVGVGVGVGVGVGVSP 57

RESULT 9
US-10-057-498-25900
; Sequence 25900, Application US/10057498
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acnes v
; FILE REFERENCE: 210121.514
; CURRENT APPLICATION NUMBER: US/10/057,498
; CURRENT FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 29212
; SEQ ID NO 25900
; LENGTH: 60
; TYPE: PRT
; ORGANISM: Propioni acnes
US-10-057-498-25900

Query Match      45.9%; Score 99.5; DB 6; Length 60;
Best Local Similarity 50.0%; Pred. No. 0.0059;
Matches 23; Conservative 3; Mismatches 15; Indels 5; Gaps 1;

Qy 1 VGVAPGVGVA-----PGVGVAPGVGLAPGVGVPAGVGVAPGVGVAP 41
Db 12 VVAAPGTGLTVASPEVAGVGVGVGVGVGVGVGVGVGVGVGVGVSP 57

RESULT 10
US-10-144-779-495
; Sequence 495, Application US/10144779
; GENERAL INFORMATION:
; APPLICANT: SUBRAMANIAN, Mani et al.
; TITLE OF INVENTION: MOUSE ORTHOLOGS OF HUMAN DISEASE GENES,
; FILE REFERENCE: CL001235
; CURRENT APPLICATION NUMBER: US/10/144,779
; CURRENT FILING DATE: 2002-05-15
; NUMBER OF SEQ ID NOS: 864
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 495
; LENGTH: 1083
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-144-779-495

Query Match      45.6%; Score 99; DB 6; Length 1083;
Best Local Similarity 43.9%; Pred. No. 0.12;
Matches 18; Conservative 4; Mismatches 19; Indels 0; Gaps 0;

Qy 2 GVAPGVGVPAGVGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 90 GAGVGIGIGVGTGAGAGVGVGTGVGAGAGVGVGTGAGTGVGVSAG 130

RESULT 11
PCT-US02-18256-54
; Sequence 54, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants

```

```
; FILE REFERENCE: UNYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 1536
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-54

Query Match 45.6%; Score 99; DB 1; Length 1536;
Best Local Similarity 66.7%; Pred. No. 0.16;
Matches 28; Conservative 0; Mismatches 12; Indels 2; Gaps 2;

Qy 1 VGVAPGVGVAPGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 1464 VGVGVGVGVG-VGGAGGVGGAGGVGGA-GVGVGVGVGVGVG 1503

RESULT 12
PCT-US02-18256-20
; Sequence 20, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UNYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 105
; TYPE: PRT
; ORGANISM: Kukulcania
PCT-US02-18256-20

Query Match 43.8%; Score 95; DB 1; Length 105;
Best Local Similarity 52.4%; Pred. No. 0.026;
Matches 22; Conservative 1; Mismatches 17; Indels 2; Gaps 1;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 4 VGVGASVGVGAGVGV--GVGVAAGAGAGAGAGAGAGGGAG 43

RESULT 13
US-10-308-485-1
; Sequence 1, Application US/10308485
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 280
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; TYPE: PRT
; ORGANISM: Mus musculus
US-10-308-485-1

Query Match 43.1%; Score 93.5; DB 6; Length 280;
Best Local Similarity 40.3%; Pred. No. 0.095;
Matches 25; Conservative 6; Mismatches 6; Indels 25; Gaps 5;

Qy 5 PGVGV-----APGVGV-----APGVGL-----APGVGV-----APGVGV-----APGVGV 39
Db 110 PGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVG 169

Qy 40 AP 41
Db 170 PP 171

RESULT 14
US-10-308-485-2
; Sequence 2, Application US/10308485
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 1567
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-308-485-2

Query Match 43.1%; Score 93.5; DB 6; Length 1567;
Best Local Similarity 40.3%; Pred. No. 0.52;
Matches 25; Conservative 6; Mismatches 6; Indels 25; Gaps 5;

Qy 5 PGVGV-----APGVGV-----APGVGL-----APGVGV-----APGVGV-----APGVGV 39
Db 950 PGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVGIPPPPLPGVG 1009

Qy 40 AP 41
Db 1010 PP 1011

RESULT 15
PCT-US02-32727-17214
; Sequence 17214, Application PC/TUS0232727
; GENERAL INFORMATION:
; APPLICANT: Mitcham, Jennifer
; APPLICANT: Skeiky, Yasir
; APPLICANT: Persing, David
; APPLICANT: Bhatia, Ajay
; APPLICANT: Maisonneuve, Jean Francois
; APPLICANT: Zhang, Yanni
; APPLICANT: Wang, Siding
; APPLICANT: Jen, Shyian
; APPLICANT: Lodes, Michael
; APPLICANT: Benson, Darin
; APPLICANT: Jones, Robert
; APPLICANT: Carter, Darrick
; APPLICANT: Barth, Brenda
; APPLICANT: Douglass, John
; TITLE OF INVENTION: Compositions and Methods for the Therapy and Diagnosis of Acne
; FILE REFERENCE: 210121.514C1
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42

RESULT 2

US-09-611-523-212
; Sequence 212, Application US/09611523
; GENERAL INFORMATION:
; APPLICANT: OTA, TOSHIO
; APPLICANT: ISOGAI, TAKAO
; APPLICANT: NISHIKAWA, TETSUO
; APPLICANT: KAWAI, YURI
; APPLICANT: SUGIYAMA, TOMOYASU
; APPLICANT: HAYASHI, KOJI
; TITLE OF INVENTION: SECRETORY PROTEIN OR MEMBRANE PROTEIN
; FILE REFERENCE: 084335/0121
; CURRENT APPLICATION NUMBER: US/09/611,523
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: JP 1999-194179
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: JP 2000-118775
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: JP 2000-183766
; PRIOR FILING DATE: 2000-05-02
; PRIOR APPLICATION NUMBER: 60/159,586
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: 60/183,323
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 679
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 212
; LENGTH: 472
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-611-523-212

Query Match 100.0%; Score 217; DB 20; Length 472;
Best Local Similarity 100.0%; Pred. No. 1.5e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 251 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 292

RESULT 3

US-09-743-818-71
; Sequence 71, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 71
; LENGTH: 515
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-71

Query Match 100.0%; Score 217; DB 21; Length 515;
Best Local Similarity 100.0%; Pred. No. 1.6e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 492

RESULT 4

US-09-743-818-7

US-09-743-818-7
; Sequence 7, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 571
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-7

Query Match 100.0%; Score 217; DB 21; Length 571;
Best Local Similarity 100.0%; Pred. No. 1.8e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 492

RESULT 5

US-10-104-047-2915
; Sequence 2915, Application US/10104047
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: Novel full length cDNA
; FILE REFERENCE: H1-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2915
; LENGTH: 617
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-2915

Query Match 100.0%; Score 217; DB 25; Length 617;
Best Local Similarity 100.0%; Pred. No. 2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 42
Db 388 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVAPG 429

RESULT 6

US-09-463-091-5
; Sequence 5, Application US/09463091
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; UNIVERSITY, SYDNEY
; TITLE OF INVENTION: TROPOLASTIN DERIVATIVES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GRIFFITH HACK
; STREET: 168 WALKER STREET
; CITY: NORTH SYDNEY
; STATE: NEW SOUTH WALES
; COUNTRY: AUSTRALIA
; ZIP: 2060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30


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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,091
; FILING DATE: 31-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P08117
; FILING DATE: 18-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GUMLEY, THOMAS P
; REFERENCE/DOCKET NUMBER: 04828ZK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 61 2 9957 5944
; TELEFAX: 61 2 9957 6288
; TELEX: 26547
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 660 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-463-091-5

Query Match 100.0%; Score 217; DB 18; Length 660;
Best Local Similarity 100.0%; Pred. No. 2.1e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 414 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 455

RESULT 7
US-09-743-818-6
; Sequence 6, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 660
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-6

Query Match 100.0%; Score 217; DB 21; Length 660;
Best Local Similarity 100.0%; Pred. No. 2.1e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 414 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 455

RESULT 8
US-09-463-091-3
; Sequence 3, Application US/09463091
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; UNIVERSITY: SYDNEY
; TITLE OF INVENTION: TROPOLASTIN DERIVATIVES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GRIFFITH HACK
; STREET: 168 WALKER STREET
; CITY: NORTH SYDNEY
; STATE: NEW SOUTH WALES
; COUNTRY: AUSTRALIA
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; ZIP: 2060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,091
; FILING DATE: 31-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P08117
; FILING DATE: 18-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GUMLEY, THOMAS P
; REFERENCE/DOCKET NUMBER: 04828ZK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 61 2 9957 5944
; TELEFAX: 61 2 9957 6288
; TELEX: 26547
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 698 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 3:
US-09-463-091-3

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Best Local Similarity 100.0%; Pred. No. 2.2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 492

RESULT 9
US-09-743-818-5
; Sequence 5, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 698
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-5

Query Match 100.0%; Score 217; DB 21; Length 698;
Best Local Similarity 100.0%; Pred. No. 2.2e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 451 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 492

RESULT 10
US-09-554-996-3
; Sequence 3, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; ADDRESS: Keating, Mark T.
; CITY: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
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; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 712
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-554-996-3

Query Match      100.0%; Score 217; DB 19; Length 712;
Best Local Similarity 100.0%; Pred. No. 2.3e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
Db 483 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 524

RESULT 11
US-09-554-996-8
; Sequence 8, Application US/09554996
; GENERAL INFORMATION:
; APPLICANT: University of Utah Research Foundation
; APPLICANT: Keating, Mark T.
; APPLICANT: Li, Dean Y.
; TITLE OF INVENTION: ELASTIN-BASED COMPOSITIONS
; FILE REFERENCE: 22458-702
; CURRENT APPLICATION NUMBER: US/09/554,996
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: PCT/US00/02526
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: US 09/258,217
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Human elastin-c-myc fusion
US-09-554-996-8

Query Match      100.0%; Score 217; DB 19; Length 730;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
Db 492 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 533

RESULT 12
US-09-961-403-8
; Sequence 8, Application US/09961403
; GENERAL INFORMATION:
; APPLICANT: HE-STUMPP, HOLGER
; APPLICANT: HAENDLER, BERNARD
; APPLICANT: KRAETZSCHMAR, JOERN
; APPLICANT: KREFT, BERTHOLT
; APPLICANT: WINTERHAGER, ELKE
; APPLICANT: REGIDOR, PEDRO
; APPLICANT: SCOTTI, SIMONE
; TITLE OF INVENTION: METHOD FOR IN VITRO DIAGNOSIS OF ENDOMETRIOSIS
; FILE REFERENCE: SCH-1789
; CURRENT APPLICATION NUMBER: US/09/961,403
; CURRENT FILING DATE: 2001-09-25

; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 730
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-961-403-8

Query Match      100.0%; Score 217; DB 23; Length 730;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 483 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 524

RESULT 13
US-09-340-736-1
; Sequence 1, Application US/09340736
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736
; CURRENT FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 08/911,364
; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-340-736-1

Query Match      100.0%; Score 217; DB 17; Length 731;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 492

RESULT 14
US-09-743-818-4
; Sequence 4, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-4

Query Match      100.0%; Score 217; DB 21; Length 731;
Best Local Similarity 100.0%; Pred. No. 2.4e-15;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGV 42
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Db 451 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 492

RESULT 15

US-09-463-091-2

; Sequence 2, Application US/09463091

; GENERAL INFORMATION:

; APPLICANT: WEISS, ANTHONY S

; UNIVERSITY, SYDNEY

; TITLE OF INVENTION: TROPOELASTIN DERIVATIVES

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: GRIFFITH HACK

; STREET: 168 WALKER STREET

; CITY: NORTH SYDNEY

; STATE: NEW SOUTH WALES

; COUNTRY: AUSTRALIA

; ZIP: 2060

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/463,091

; FILING DATE: 31-Mar-2000

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: AU P08117

; FILING DATE: 18-JUL-1997

; ATTORNEY/AGENT INFORMATION:

; NAME: GUMLEY, THOMAS P

; REFERENCE/DOCKET NUMBER: 048282K

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 61 2 9957 5944

; TELEFAX: 61 2 9957 6288

; TELEX: 26547

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 733 amino acids

; TYPE: amino acid

; STRANDEDNESS: <Unknown>

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; SEQUENCE DESCRIPTION: SEQ ID NO: 2:

US-09-463-091-2

Query Match 100.0%; Score 217; DB 18; Length 733;

Best Local Similarity 100.0%; Pred. No. 2.4e-15;

Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42

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Db 453 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 494

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Job time : 23.4921 secs

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GenCore version 5.1.3
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Run on: February 3, 2003, 09:37:48 ; Search time 1.27105 Seconds
(without alignments)
666.770 Million cell updates/sec

Title: US-09-554-996-2

Perfect score: 217

Sequence: 1 VGVAPGVGVAPGVGVAPGVG.....PGGVAPGVGVAPGVGVAPG 42

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Minimum DB seq length: 0

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Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

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3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB pep.*

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5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB pep.*

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13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep.*

14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	214	98.6	148	10 US-09-841-321A-14
3	214	98.6	745	10 US-09-837-969A-38
4	214	98.6	745	10 US-09-841-321A-38
5	113	52.1	111	10 US-09-837-969A-13
6	113	52.1	111	10 US-09-837-969A-58
7	113	52.1	111	10 US-09-841-321A-13
8	113	52.1	111	10 US-09-841-321A-58
9	113	52.1	782	10 US-09-837-969A-37
10	113	52.1	782	10 US-09-841-321A-37
11	113	52.1	2003	10 US-09-837-969A-34
12	113	52.1	2003	10 US-09-841-321A-34
13	112.5	51.8	50	10 US-09-837-969A-29
14	112.5	51.8	50	10 US-09-841-321A-29
15	112.5	51.8	100	10 US-09-812-382-7
16	112.5	51.8	106	10 US-09-837-969A-53
17	112.5	51.8	106	10 US-09-841-321A-53
18	112.5	51.8	605	10 US-09-837-969A-40
19	112.5	51.8	605	10 US-09-841-321A-40

20	112.5	51.8	1255	10 US-09-837-969A-18	Sequence 18, Appl
21	112.5	51.8	1255	10 US-09-841-321A-18	Sequence 18, Appl
22	111	51.2	1085	10 US-09-837-969A-35	Sequence 35, Appl
23	111	51.2	1085	10 US-09-837-969A-39	Sequence 39, Appl
24	111	51.2	1085	10 US-09-841-321A-35	Sequence 35, Appl
25	111	51.2	1085	10 US-09-841-321A-39	Sequence 39, Appl
26	109.5	50.5	111	10 US-09-837-969A-60	Sequence 60, Appl
27	109.5	50.5	111	10 US-09-841-321A-60	Sequence 60, Appl
28	109	50.2	111	10 US-09-837-969A-57	Sequence 57, Appl
29	109	50.2	111	10 US-09-841-321A-57	Sequence 57, Appl
30	108	49.8	450	10 US-09-812-382-6	Sequence 6, Appl
31	107.5	49.5	45	10 US-09-888-260-43	Sequence 43, Appl
32	107.5	49.5	45	10 US-09-888-260-44	Sequence 44, Appl
33	107.5	49.5	50	10 US-09-837-969A-56	Sequence 56, Appl
34	107.5	49.5	50	10 US-09-841-321A-56	Sequence 56, Appl
35	107.5	49.5	60	10 US-09-888-260-41	Sequence 41, Appl
36	107.5	49.5	60	10 US-09-888-260-42	Sequence 42, Appl
37	107.5	49.5	110	10 US-09-888-260-39	Sequence 39, Appl
38	107.5	49.5	110	10 US-09-888-260-40	Sequence 40, Appl
39	107.5	49.5	1300	10 US-09-837-969A-55	Sequence 55, Appl
40	107.5	49.5	1300	10 US-09-841-321A-55	Sequence 55, Appl
41	106	48.8	45	10 US-09-837-969A-59	Sequence 59, Appl
42	106	48.8	45	10 US-09-841-321A-59	Sequence 59, Appl
43	106	48.8	635	10 US-09-837-969A-25	Sequence 25, Appl
44	106	48.8	635	10 US-09-837-969A-36	Sequence 36, Appl
45	106	48.8	635	10 US-09-841-321A-25	Sequence 25, Appl

ALIGNMENTS

RESULT 1

US-09-837-969A-14

; Sequence 14, Application US/09837969A

; Patent No. US20020038150A1

; GENERAL INFORMATION:

; APPLICANT: Urry, Dan

; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration

; FILE REFERENCE: BERL-020/03US

; CURRENT APPLICATION NUMBER: US/09/837,969A

; CURRENT FILING DATE: 2001-06-19

; PRIOR APPLICATION NUMBER: US 09/258,723

; PRIOR FILING DATE: 1999-02-26

; PRIOR APPLICATION NUMBER: US 60/087155

; PRIOR FILING DATE: 1998-05-29

; PRIOR APPLICATION NUMBER: US 60/076297

; PRIOR FILING DATE: 1998-02-27

; NUMBER OF SEQ ID NOS: 65

; SOFTWARE: Patent in version 3.0

; SEQ ID NO 14

; LENGTH: 148

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: PEPTIDE

; LOCATION: (1)..(148)

; OTHER INFORMATION: Synthetic

US-09-837-969A-14

Query Match 98.6%; Score 214; DB 10; Length 148;
Best Local Similarity 97.6%; Pred. No. 1.7e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 58 VGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 99

RESULT 2

US-09-841-321A-14

; Sequence 14, Application US/09841321A

; Patent No. US20020116069A1

; GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 14
; LENGTH: 148
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(148)
; OTHER INFORMATION: Synthetic
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Best Local Similarity 97.6%; Pred. No. 1.7e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
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Db 58 VGVAPGVGVPAGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 99
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RESULT 3

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US-09-837-969A-38
; Sequence 38, Application US/09837969A
; Patent No. US20020038150A1
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GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
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US-09-837-969A-38
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Best Local Similarity 97.6%; Pred. No. 7.9e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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| | | | | | | | | | | | | | | | | | | | | |
Db 644 VGVAPGVGVPAGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 685
| | | | | | | | | | | | | | | | | | | | | |
```

RESULT 4

```
US-09-841-321A-38
; Sequence 38, Application US/09841321A
; Patent No. US20020116069A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 38
; LENGTH: 745
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(745)
; OTHER INFORMATION: Synthetic
;
US-09-841-321A-38
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Query Match          98.6%; Score 214; DB 10; Length 745;
Best Local Similarity 97.6%; Pred. No. 7.9e-16;
Matches 41; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
| | | | | | | | | | | | | | | | | | | | | |
Db 644 VGVAPGVGVPAGVAPGVGVAPGVGVAPGVGVAPGVGVAPG 685
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 5

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US-09-837-969A-13
; Sequence 13, Application US/09837969A
; Patent No. US20020038150A1
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GENERAL INFORMATION:

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; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
;
US-09-837-969A-13
```

```
Query Match          52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;
```

```
Qy 2 GVPAGVGVAPGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
| | | | | | | | | | | | | | | | | | | | | |
Db 58 GDSFGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 92
| | | | | | | | | | | | | | | | | | | | | |
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RESULT 6

```
US-09-837-969A-58
; Sequence 58, Application US/09837969A
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; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 58
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
US-09-837-969A-58

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```

Query Match      52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy  2  GVAPGVGVPAGVGVLAPGVGVPAGVGVPAGVGVPAG 42
Db  58  GDSFGVGVPAGVGVPAGVGVPAGVGVPAGVGVPAG 92

```

```

RESULT 7
US-09-841-321A-13
; Sequence 13, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 13
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
US-09-841-321A-13

```

```

Query Match      52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy  2  GVAPGVGVPAGVGVLAPGVGVPAGVGVPAGVGVPAG 42
Db  58  GDSFGVGVPAGVGVPAGVGVPAGVGVPAGVGVPAG 92

```

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RESULT 8
US-09-841-321A-58

```

```

; Sequence 58, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 58
; LENGTH: 111
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(111)
; OTHER INFORMATION: Synthetic
US-09-841-321A-58

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```

Query Match      52.1%; Score 113; DB 10; Length 111;
Best Local Similarity 78.0%; Pred. No. 5e-06;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy  2  GVAPGVGVPAGVGVLAPGVGVPAGVGVPAGVGVPAG 42
Db  58  GDSFGVGVPAGVGVPAGVGVPAGVGVPAGVGVPAG 92

```

```

RESULT 9
US-09-837-969A-37
; Sequence 37, Application US/09837969A
; Patent No. US20020038150A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/03US
; CURRENT APPLICATION NUMBER: US/09/837,969A
; CURRENT FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 37
; LENGTH: 782
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(782)
; OTHER INFORMATION: Synthetic
US-09-837-969A-37

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```

Query Match      52.1%; Score 113; DB 10; Length 782;
Best Local Similarity 78.0%; Pred. No. 3.3e-05;
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;

Qy  2  GVAPGVGVPAGVGVLAPGVGVPAGVGVPAGVGVPAG 42
Db  724  GDSFGVGVPAGVGVPAGVGVPAGVGVPAGVGVPAG 758

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```

RESULT 10

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US-09-841-321A-37		US-09-841-321A-34	
; Sequence 37, Application US/09841321A		; Sequence 34, Application US/09841321A	
; Patent No. US20020116069A1		; Patent No. US20020116069A1	
; GENERAL INFORMATION:		; GENERAL INFORMATION:	
; APPLICANT: Urry, Dan		; APPLICANT: Urry, Dan	
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration		; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration	
; FILE REFERENCE: BERL-020/04US		; FILE REFERENCE: BERL-020/04US	
; CURRENT APPLICATION NUMBER: US 09/841,321A		; CURRENT APPLICATION NUMBER: US 09/841,321A	
; CURRENT FILING DATE: 2001-04-30		; CURRENT FILING DATE: 2001-04-30	
; PRIOR FILING DATE: 1999-02-26		; PRIOR FILING DATE: 1999-02-26	
; PRIOR APPLICATION NUMBER: US 60/087155		; PRIOR APPLICATION NUMBER: US 60/087155	
; PRIOR FILING DATE: 1998-05-29		; PRIOR FILING DATE: 1998-05-29	
; PRIOR APPLICATION NUMBER: US 60/076297		; PRIOR APPLICATION NUMBER: US 60/076297	
; PRIOR FILING DATE: 1998-02-27		; PRIOR FILING DATE: 1998-02-27	
; NUMBER OF SEQ ID NOS: 65		; NUMBER OF SEQ ID NOS: 65	
; SOFTWARE: PatentIn version 3.0		; SOFTWARE: PatentIn version 3.0	
; SEQ ID NO 37		; SEQ ID NO 34	
; LENGTH: 782		; LENGTH: 2003	
; TYPE: PRT		; TYPE: PRT	
; ORGANISM: Artificial Sequence		; ORGANISM: Artificial Sequence	
; FEATURE:		; FEATURE:	
; NAME/KEY: PEPTIDE		; NAME/KEY: PEPTIDE	
; LOCATION: (1)..(782)		; LOCATION: (1)..(2003)	
; OTHER INFORMATION: Synthetic		; OTHER INFORMATION: Synthetic	
; US-09-841-321A-37		; US-09-841-321A-34	
Query Match 52.1%; Score 113; DB 10; Length 782;		Query Match 52.1%; Score 113; DB 10; Length 2003;	
Best Local Similarity 78.0%; Pred. No. 3.3e-05;		Best Local Similarity 78.0%; Pred. No. 8.1e-05;	
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;		Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;	
Qy 2 GVAPGVGVPAGVGLAPGVGVPAGVGVAPG 42		Qy 2 GVAPGVGVPAGVGLAPGVGVPAGVGVAPG 42	
Db 724 GDSFGVGV-PGVGV-PGVGV-PGVGV-PG 758		Db 1945 GDSFGVGV-PGVGV-PGVGV-PGVGV-PG 1979	
RESULT 11		RESULT 13	
US-09-837-969A-34		US-09-837-969A-29	
; Sequence 34, Application US/09837969A		; Sequence 29, Application US/09837969A	
; Patent No. US20020038150A1		; Patent No. US20020038150A1	
; GENERAL INFORMATION:		; GENERAL INFORMATION:	
; APPLICANT: Urry, Dan		; APPLICANT: Urry, Dan	
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration		; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration	
; FILE REFERENCE: BERL-020/03US		; FILE REFERENCE: BERL-020/03US	
; CURRENT APPLICATION NUMBER: US 09/837,969A		; CURRENT APPLICATION NUMBER: US 09/837,969A	
; CURRENT FILING DATE: 2001-06-19		; CURRENT FILING DATE: 2001-06-19	
; PRIOR APPLICATION NUMBER: US 09/258,723		; PRIOR APPLICATION NUMBER: US 09/258,723	
; PRIOR FILING DATE: 1999-02-26		; PRIOR FILING DATE: 1999-02-26	
; PRIOR APPLICATION NUMBER: US 60/087155		; PRIOR APPLICATION NUMBER: US 60/087155	
; PRIOR FILING DATE: 1998-05-29		; PRIOR FILING DATE: 1998-05-29	
; PRIOR APPLICATION NUMBER: US 60/076297		; PRIOR APPLICATION NUMBER: US 60/076297	
; PRIOR FILING DATE: 1998-02-27		; PRIOR FILING DATE: 1998-02-27	
; NUMBER OF SEQ ID NOS: 65		; NUMBER OF SEQ ID NOS: 65	
; SOFTWARE: PatentIn version 3.0		; SOFTWARE: PatentIn version 3.0	
; SEQ ID NO 34		; SEQ ID NO 29	
; LENGTH: 2003		; LENGTH: 50	
; TYPE: PRT		; TYPE: PRT	
; ORGANISM: Artificial Sequence		; ORGANISM: Artificial Sequence	
; FEATURE:		; FEATURE:	
; NAME/KEY: PEPTIDE		; NAME/KEY: PEPTIDE	
; LOCATION: (1)..(2003)		; LOCATION: (1)..(50)	
; OTHER INFORMATION: Synthetic		; OTHER INFORMATION: Synthetic	
; US-09-837-969A-34		; US-09-837-969A-29	
Query Match 52.1%; Score 113; DB 10; Length 2003;		Query Match 51.8%; Score 112.5; DB 10; Length 50;	
Best Local Similarity 78.0%; Pred. No. 8.1e-05;		Best Local Similarity 81.0%; Pred. No. 2.6e-06;	
Matches 32; Conservative 2; Mismatches 1; Indels 6; Gaps 6;		Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;	
Qy 2 GVAPGVGVPAGVGLAPGVGVPAGVGVAPG 42		Qy 1 VGVAPGVGVPAGVGLAPGVGVPAGVGVAPG 42	
Db 1945 GDSFGVGV-PGVGV-PGVGV-PGVGV-PG 1979		Db 2 VGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 36	

RESULT 14

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US-09-841-321A-29
; Sequence 29, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
; TITLE OF INVENTION: Injectable Implants For Tissue Augmentation and Restoration
; FILE REFERENCE: BERL-020/04US
; CURRENT APPLICATION NUMBER: US/09/841,321A
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 09/258,723
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: US 60/087155
; PRIOR FILING DATE: 1998-05-29
; PRIOR APPLICATION NUMBER: US 60/076297
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 50
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(50)
; OTHER INFORMATION: Synthetic
US-09-841-321A-29

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Query Match 51.8%; Score 112.5; DB 10; Length 50;
Best Local Similarity 81.0%; Pred. No. 2.6e-06;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
Db	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42

RESULT 15

```

RESOL: 15
US-09-812-382-7
; Sequence 7, Application US/09812382
; Patent No. US20010034050A1
; GENERAL INFORMATION:
; APPLICANT: Chilkoti, Ashutosh
; TITLE OF INVENTION: Fusion Peptides Isolatable by Phase Transition
; FILE REFERENCE: 4176-101
; CURRENT APPLICATION NUMBER: US/09/812,382
; CURRENT FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: US 60/190,659
; PRIOR FILING DATE: 2000-03-20
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 100
; TYPE: PRT
; ORGANISM: ELP[V-20]
US-09-812-382-7

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Query Match 51.8%; Score 112.5; DB 10; Length 100;
Best Local Similarity 81.0%; Pred. NO. 5.1e-06;
Matches 34; Conservative 1; Mismatches 0; Indels 7; Gaps 7;

Qy 1 VGVA PGVGVA PGVGVARPGVGLAPGVGVARPGVGARPGVVAPG 42
 ||| ||||| ||||| : ||||| ||||| |||||
Db 19 VGV- PGVGCV- PGVGTV- PGVGIV- PGVGIV- PGVGIV- PGVGIV- PG 53

Search completed: February 3, 2003, 09:47:04
Job time : 2.27105 secs

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OM protein - protein search, using sw model

Run on: February 3, 2003, 09:36:33 ; Search time 1.93421 Seconds
(without alignments)
638.898 Million cell updates/sec

Title: US-09-554-996-2

Perfect score: 217

Sequence: 1 VGVAPGVGVPAGVGVG.....PGVGVAPGVGVPAGVGVG 42

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

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3: /cgm2_6/ptodata/1/iaa/6A_COMB.pep.*
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5: /cgm2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
6: /cgm2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	217	100.0	731	2	US-08-911-364-1
2	217	100.0	733	4	US-08-464-700-2
3	217	100.0	792	2	US-08-678-039A-40
4	211	97.2	201	2	US-08-911-364-2
5	186	85.7	1169	4	US-08-806-029-33
6	129	59.4	27	6	5250516-15
7	123	56.7	65	2	US-08-435-641-9
8	123	56.7	65	3	US-08-642-246-9
9	123	56.7	65	4	US-09-451-206-9
10	123	56.7	65	5	PCT-US96-06229-9
11	113	52.1	832	1	US-08-212-237-4
12	113	52.1	832	4	US-08-806-029-27
13	113	52.1	832	5	PCT-US95-02772-4
14	113	52.1	936	1	US-08-212-237-3
15	113	52.1	936	4	US-08-806-029-26
16	113	52.1	936	5	PCT-US95-02772-3
17	113	52.1	972	1	US-08-212-237-7
18	113	52.1	972	4	US-08-806-029-30
19	113	52.1	972	5	PCT-US95-02772-7
20	113	52.1	988	1	US-08-212-237-5
21	113	52.1	988	4	US-08-806-029-28
22	113	52.1	988	5	PCT-US95-02772-5
23	113	52.1	1024	1	US-08-212-237-8
24	113	52.1	1024	4	US-08-806-029-31
25	113	52.1	1024	5	PCT-US95-02772-8
26	113	52.1	1040	4	US-08-806-029-32
27	113	52.1	1056	1	US-08-212-237-6

28	113	52.1	1056	4	US-08-806-029-29	Sequence 29, Appl
29	113	52.1	1056	5	PCT-US95-02772-6	Sequence 6, Appl
30	112.5	51.8	40	1	US-08-477-509B-43	Sequence 43, Appl
31	112.5	51.8	40	2	US-08-707-797A-15	Sequence 15, Appl
32	112.5	51.8	40	4	US-09-444-791A-43	Sequence 43, Appl
33	112.5	51.8	50	2	US-08-735-692-26	Sequence 26, Appl
34	112.5	51.8	50	3	US-08-542-051-43	Sequence 43, Appl
35	112.5	51.8	64	1	US-08-397-633A-60	Sequence 60, Appl
36	112.5	51.8	64	2	US-08-707-237A-90	Sequence 90, Appl
37	112.5	51.8	64	4	US-08-806-029-18	Sequence 18, Appl
38	112.5	51.8	100	2	US-08-735-692-31	Sequence 21, Appl
39	112.5	51.8	100	2	US-08-735-692-31	Sequence 31, Appl
40	112.5	51.8	100	3	US-08-542-051-30	Sequence 30, Appl
41	112.5	51.8	128	4	US-08-806-029-13	Sequence 13, Appl
42	112.5	51.8	208	1	US-08-212-237-9	Sequence 9, Appl
43	112.5	51.8	208	5	PCT-US95-02772-9	Sequence 9, Appl
44	112.5	51.8	281	1	US-08-397-633A-75	Sequence 75, Appl
45	112.5	51.8	287	1	US-08-397-633A-76	Sequence 76, Appl

ALIGNMENTS

RESULT 1

US-08-911-364-1
; Sequence 1, Application US/08911364
; Patent No. 5969106
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, Aser
; APPLICANT: KEELY, Fred W.
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911,364
; FILING DATE: 07-AUG-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,552
; FILING DATE: 07-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 041082/0104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 731 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-911-364-1

Query Match 100.0%; Score 217; DB 2; Length 731;
Best Local Similarity 100.0%; Pred. No. 2.1e-17;
Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 42
 |||||
 Db 451 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 492

RESULT 2
 US-08-464-700-2
 ; Sequence 2, Application US/08464700
 ; Patent No. 6232458
 ; GENERAL INFORMATION:
 ; APPLICANT: WEISS, ANTHONY S
 ; APPLICANT: MARTIN, STEPHEN L
 ; TITLE OF INVENTION: SYNTHETIC POLYNUCLEOTIDES
 ; NUMBER OF SEQUENCES: 54
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Howson and Howson
 ; STREET: Spring House Corporate Cntr, PO Box 457
 ; CITY: Spring House
 ; STATE: Pennsylvania
 ; COUNTRY: USA
 ; ZIP: 15477
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/464,700
 ; FILING DATE: 7-JUN-1995
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: AU PL6520
 ; FILING DATE: 22-DEC-1992
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: AU PL9661
 ; FILING DATE: 28-JUN-1993
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/AU93/00655
 ; FILING DATE: 16-DEC-1993
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Bak, Mary E.
 ; REGISTRATION NUMBER: 31,215
 ; REFERENCE/DOCKET NUMBER: GH3C3USA
 ; TELEPHONE: 215-540-9200
 ; TELEFAX: 215-540-5818
 ; INFORMATION FOR SEQ ID NO: 2:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 733 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-464-700-2

Query Match 100.0%; Score 217; DB 4; Length 733;
 Best Local Similarity 100.0%; Pred. No. 2.1e-17;
 Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 42
 |||||
 Db 453 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 494

RESULT 3
 US-08-678-039A-40
 ; Sequence 40, Application US/08678039A
 ; Patent No. 5858662
 ; GENERAL INFORMATION:
 ; APPLICANT: Keating, Mark T.
 ; APPLICANT: Morris, Colleen A.
 ; TITLE OF INVENTION: Diagnosis of Williams Syndrome and
 ; TITLE OF INVENTION: Williams Syndrome Cognitive Profile by Analysis of the
 ; TITLE OF INVENTION: Presence or Absence of a LIM-Kinase Gene

; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
 ; STREET: 555 Thirteenth Street, N.W., Suite 701 East
 ; CITY: Washington
 ; STATE: DC
 ; COUNTRY: U.S.A.
 ; ZIP: 20004
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/678,039A
 ; FILING DATE: 10-JUL-1996
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Saxe, Stephen A.
 ; REGISTRATION NUMBER: 38,609
 ; REFERENCE/DOCKET NUMBER: 2323-120A
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 202-624-1589
 ; TELEFAX: 202-783-6031
 ; INFORMATION FOR SEQ ID NO: 40:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 792 amino acids
 ; TYPE: amino acid
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: protein
 ; US-08-678-039A-40

Query Match 100.0%; Score 217; DB 2; Length 792;
 Best Local Similarity 100.0%; Pred. No. 2.3e-17;
 Matches 42; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 42
 |||||
 Db 512 VGVAPGVGVPAGVGLAPGVGVPAGVGVGVPAGVGVGVPAG 553

RESULT 4
 US-08-911-364-2
 ; Sequence 2, Application US/08911364
 ; Patent No. 5969106
 ; GENERAL INFORMATION:
 ; APPLICANT: ROTHSTEIN, Aser
 ; APPLICANT: KEELY, Fred W.
 ; APPLICANT: ROTHSTEIN, Steven J.
 ; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
 ; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
 ; NUMBER OF SEQUENCES: 8
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: FOLEY & LARDNER
 ; STREET: 3000 K Street, N.W.
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20007-5109
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/911,364
 ; FILING DATE: 07-AUG-1997
 ; CLASSIFICATION: 530
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 60/023,552
 ; FILING DATE: 07-AUG-1996
 ; ATTORNEY/AGENT INFORMATION:

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; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 041082/0104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 201 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-911-364-2

Query Match          97.2%; Score 211; DB 2; Length 201;
Best Local Similarity 100.0%; Pred. No. 2.6e-17;
Matches 41; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPGV 41
Db 157 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAP 197

RESULT 5
US-08-806-029-33
; Sequence 33, Application US/08806029
; Patent No. 6380154
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
; TITLE OF INVENTION: Delivery and Tissue Augmentation
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: United States
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/806,029
; FILING DATE: 24-FEB-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/212,237
; FILING DATE: 11-MAR-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Trecartin, Richard F.
; REGISTRATION NUMBER: 31,801
; REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1169 amino acids
; TYPE: amino acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: protein
; US-08-806-029-33

Query Match          85.7%; Score 186; DB 4; Length 1169;
Best Local Similarity 81.0%; Pred. No. 1.1e-13;
Matches 34; Conservative 1; Mismatches 7; Indels 0; Gaps 0;
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Qy 1 VGVAPGVGVAPGVGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
Db 1123 VGVGPVGVGPGVGPGVGPGVGPGVGPGVGPGVGPGVG 1164

RESULT 6
5250516-15
; Patent No. 5250516
; APPLICANT: URRY, DAN W.
; TITLE OF INVENTION: BIOLASTOMERIC MATERIALS SUITABLE FOR
; THE PROTECTION OF BURN AREAS OR THE PROTECTION OF WOUND
; REPAIR SITES FROM THE OCCURRENCE OF ADHESIONS
; NUMBER OF SEQUENCES: 18
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/184,407
; FILING DATE: 21-APR-1988
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 900,895
; FILING DATE: 27-AUG-1986
; APPLICATION NUMBER: 853,212
; FILING DATE: 17-APR-1986
; SEQ ID NO:15:
; LENGTH: 27
; 5250516-15

Query Match          59.4%; Score 129; DB 6; Length 27;
Best Local Similarity 96.2%; Pred. No. 5.7e-09;
Matches 25; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 3 VAPGVGVAPGVGVAPGVGLAPGVGV 28
Db 2 VAPGVGVAPGVGVAPGVGVAPGVGA 27

RESULT 7
US-08-435-641-9
; Sequence 9, Application US/08435641
; Patent No. 5817303
; GENERAL INFORMATION:
; APPLICANT: Stedronsky, Erwin R.
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; TITLE OF INVENTION: Crosslinking
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,641
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-61127
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
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US-08-435-641-9

Query Match 56.7%; Score 123; DB 2; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 12 VGV-PGVGVPGVGVP-PGVGV-PGVGV-PGVGV-PG 47

RESULT 8

US-08-642-246-9
; Sequence 9, Application US/08642246
; Patent No. 6033654
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; CROSSLINKING
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/08/642,246
; CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-642-246-9

Query Match 56.7%; Score 123; DB 3; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 12 VGV-PGVGVPGVGVP-PGVGV-PGVGV-PGVGV-PG 47

RESULT 9

US-09-451-206-9
; Sequence 9, Application US/09451206
; Patent No. 6423333
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; CROSSLINKING
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:

ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/451,206
; FILING DATE: 29-No. 6423333-1999
; CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/642,246
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249

INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-09-451-206-9

Query Match 56.7%; Score 123; DB 4; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 12 VGV-PGVGVPGVGVP-PGVGV-PGVGV-PGVGV-PG 47

RESULT 10

PCT-US96-06229-9
; Sequence 9, Application PC/TUS9606229
; GENERAL INFORMATION:
; APPLICANT: STEDRONSKY, Erwin R.
; APPLICANT: CAPPELLO, Joseph
; TITLE OF INVENTION: Tissue Adhesive Using Synthetic
; CROSSLINKING
; NUMBER OF SEQUENCES: 35
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOHBACH, TEST, ALBRITTON & HERBERT
; STREET: Four Embarcadero Center, Suite 200
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06229
; FILING DATE:
; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
; NAME: ROWLAND, Bertram I
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A61127-1/BIR

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 65 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
PCT-US96-06229-9

Query Match      56.7%; Score 123; DB 5; Length 65;
Best Local Similarity 81.0%; Pred. No. 6.7e-08;
Matches 34; Conservative 1; Mismatches 1; Indels 6; Gaps 6;

Qy 1 VGVAPGVAPGVAPGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
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Db 12 VGV-PGVGVGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 47

RESULT 11
US-08-212-237-4
; Sequence 4, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; TITLE OF INVENTION: Synthetic Proteins As Implantables
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/212,237
; FILING DATE: 11-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertkam I
; REGISTRATION NUMBER: 20,015
; REFERENCE/DOCKET NUMBER: A-58847/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 832 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-212-237-4

Query Match      52.1%; Score 113; DB 1; Length 832;
Best Local Similarity 78.0%; Pred. No. 1.3e-05;
Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;

Qy 2 GVAPGVAPGVAPGVAPGVGLAPGVGVAPGVGVAPGVGVAPG 42
   ||| |||| |||| |||| |||| |||| |||| |||| |||| ||
Db 767 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 801

RESULT 13
PCT-US95-02772-4
; Sequence 4, Application PC/TUS9502772
; GENERAL INFORMATION:
; APPLICANT: Protein Polymer Technologies, Inc.
; TITLE OF INVENTION: Synthetic Proteins As Implantables
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 94111-4187
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/02772
; FILING DATE:
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;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;;   NAME: Rowland, Bertram I
;;   REGISTRATION NUMBER: 20,015
;;   REFERENCE/DOCKET NUMBER: FP-58847-1-PC/BIR
;;   TELECOMMUNICATION INFORMATION:
;;     TELEPHONE: 415-781-1989
;;     TELEFAX: 415-398-3249
;;   INFORMATION FOR SEQ ID NO: 4:
;;     SEQUENCE CHARACTERISTICS:
;;       LENGTH: 832 amino acids
;;       TYPE: amino acid
;;       STRANDEDNESS: single
;;       TOPOLOGY: linear
;;     MOLECULE TYPE: protein
PCT-US95-02772-4

Query Match          52.1%; Score 113; DB 5; Length 832;
Best Local Similarity 78.0%; Pred. No. 1.3e-05;
Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 767 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 801

RESULT 14
US-08-212-237-3
; Sequence 3, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
;   APPLICANT: Cappello, Joseph
;   TITLE OF INVENTION: Synthetic Proteins As Implantables
;   NUMBER OF SEQUENCES: 9
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
;     STREET: Four Embarcadero Center, Suite 3400
;     CITY: San Francisco
;     STATE: CA
;     COUNTRY: U.S.A.
;     ZIP: 94111-4187
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: Patent In Release #1.0, Version #1.25
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/212,237
;     FILING DATE: 11-MAR-1994
;     CLASSIFICATION: 435
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Rowland, Bertram I
;     REGISTRATION NUMBER: 20,015
;     REFERENCE/DOCKET NUMBER: A-58847/BIR
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 415-781-1989
;     TELEFAX: 415-398-3249
;   INFORMATION FOR SEQ ID NO: 3:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 936 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: single
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
US-08-212-237-3

Query Match          52.1%; Score 113; DB 1; Length 936;
Best Local Similarity 78.0%; Pred. No. 1.4e-05;
Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 883 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 917
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RESULT 15
US-08-806-029-26
; Sequence 26, Application US/08806029
; Patent No. 6380154
; GENERAL INFORMATION:
;   APPLICANT: Cappello, Joseph
;   APPLICANT: Stedronsky, Erwin R.
;   TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
;   TITLE OF INVENTION: Delivery and Tissue Augmentation
;   NUMBER OF SEQUENCES: 36
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
;     STREET: Four Embarcadero Center, Suite 3400
;     CITY: San Francisco
;     STATE: California
;     COUNTRY: United States
;     ZIP: 94111
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: Patent In Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/806,029
;     FILING DATE: 24-FEB-1997
;     CLASSIFICATION: 514
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: US 08/212,237
;     FILING DATE: 11-MAR-1994
;   ATTORNEY/AGENT INFORMATION:
;     NAME: Trecartin, Richard F.
;     REGISTRATION NUMBER: 31,801
;     REFERENCE/DOCKET NUMBER: A-58847-2/RPT/MTK
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: (415) 781-1989
;     TELEFAX: (415) 398-3249
;   INFORMATION FOR SEQ ID NO: 26:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 936 amino acids
;       TYPE: amino acid
;       STRANDEDNESS: unknown
;       TOPOLOGY: unknown
;     MOLECULE TYPE: protein
US-08-806-029-26

Query Match          52.1%; Score 113; DB 4; Length 936;
Best Local Similarity 78.0%; Pred. No. 1.4e-05;
Matches 32; Conservative 1; Mismatches 2; Indels 6; Gaps 6;

Qy 2 GVAPGVGVPAGVAPGVGLAPGVGVPAGVGVAPGVGVPAG 42
Db 883 GSVPGVGV-PGVGV-PGVGV-PGVGV-PGVGV-PG 917

Search completed: February 3, 2003, 09:38:44
Job time : 2.93421 secs
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[illegible]

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RESULT 2
US-09-251-638B-5
; Sequence 5, Application US/09251638B
; GENERAL INFORMATION:
; APPLICANT: DANIELL, HENRY
; TITLE OF INVENTION: GENETIC ENGINEERING OF COTTON TO INCREASE FIBER
; TITLE OF INVENTION: STRENGTH, WATER ABSORPTION AND DYE BINDING
; FILE REFERENCE: 1483-R-00
; CURRENT APPLICATION NUMBER: US/09/251.638B
; CURRENT FILING DATE: 1999-02-17
; PRIOR APPLICATION NUMBER: 60/074,997
; PRIOR FILING DATE: 1998-02-17
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: repeat_unit
; LOCATION: 1..605
; OTHER INFORMATION: Repeats at least once
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: peptide
US-09-251-638B-5

```

[illegible][illegible]

```

RESULT 3
PCT-US02-18256-54
; Sequence 54, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UWYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 54
; LENGTH: 1536
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-54

```

Query Match	23.8%; Score 874.5; DB 1; Length 1536;
Best Local Similarity	39.5%; Pred. No. 8e-38;
Matches 281; Conservative	30; Mismatches 292; Indels 109; Gaps 29;
Qy	27 GGVPFGATPGGVYFG-----GVTFPFGAGLALG--GGALPGCGKPLKPVPFGLAGLAGAG 78
Db	39 GGVGGA--GGVGGAGVGVGVGV---GVGVGVGVGVGGAGVGG---AGVGAGVGVGV 87

PCT-US02-18256-49

```
Query Match      19.6%; Score 720; DB 1; Length 1128;
Best Local Similarity 36.1%; Pred. No. 6.1e-30;
Matches 319; Conservative 19; Mismatches 296; Indels 250; Gaps 54;

Qy  2 AGLTAAAPRRPVLLLSILHP--SRPGV-PGAI-PGV-----PGGVFPVPGAGLGL 51
Db  32 AAAAAAAAAAGP-----GPGSGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGY 81
Qy  52 GGGALGPGGKPLKPVPGGLAGLGLGAFPAVTFPGALVPGGVADAAAAYKAAKAGAG 111
Db  82 AAAAAGPGG-PGSSGPGYGPQGPGG-GYGPQGPGYGPQGPGYGPQGPGYGPQGPG 139
Qy  112 LGGVPGVGLGVSAGAVP--OPGAGVPGK-----VPGVGLPGY-PGVPLPGARF 160
Db  140 SSGPGYGPQGPGYGPQGPGYGPQGPGYGPQAAAAAAGPAGPGSGPGYGPQGPG 199
Qy  161 PGVGLPGV--PTGAGVPKAPGVGAGFAGIPGVPGFGPQPGVPLGPIKAPKLP 218
Db  200 PG-GYGPQGPGYGP-----PGQAAAAAAGP-GGPGSGPGYGP-QGQPGYGP 251
Qy  219 LPYTTGKLPYGP-----GVAGAAGKAGY-----PTGTG 249
Db  252 -PGQGG--PGYGPQAAAAAAGPAGPGSGPGYGPQGPGYGPQGPGYGPQGPGY 308
Qy  250 VGPQAAAAAAYKAAKAFGAGAGVLPVGGAGVPGVPGAIPIGIGIAGVGTPTAAAAA 309
Db  309 PQQAAAAAAYKAAKAFGAGAGVLPVGGAGVPGVPGAIPIGIGIAGVGTPTAAAAA 364
Qy  310 AKAAYKAGAGAGVPGG--GFGPGVPGVAGVPGVPG-----AGIPV 354
Db  365 A-----AAG--PGPGSSPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGY 414
Qy  355 PGAGIPGAAPVPGVSP-----EAAKAAKAAKAGARPGVGG 393
Db  415 AGPGPGSGSGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPG 474
Qy  394 IPTYGVAGGPGPG-----VGVGIPGVAGVPGVPGVPGVPGVPGVPGVPGV 430
Db  475 ---YGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPG 530
Qy  431 GV-----PGVISPAAKAAKAAK-----Y 452
Db  531 GYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGP 589
Qy  453 GYGTAAAAAAYKAAKAAQFALLNLGLVPGV---GVAPGV---GVAPGVGVAPGVGLA 504
Db  590 GPGQAAAAAAYKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAA 649
Qy  505 PGVGVAPGV---GVAPGV---GVAPGV---IGPGVAAAAYKAAKAAKAAKAAKAA 555
Db  650 AGPG-GPGSSGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQG 705
Qy  556 IPLGVGVPGVPGVGVAGVPGVGLGVAGVPGVPGALAAKAAKAAKAAKAAKAA 615
Db  706 GPG-GYGPQGPGG-----GYGPQGPGG-GYGPQGPGG-----AAGPGPGSGSP- 754
Qy  616 GGVGIPG-----GVVAGPAAAAAAYKAAKAAKAAKAAKAAKAAKAAKAAKAA 659
Db  755 GGVG-PGQPGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQG 811
Qy  660 ---GLGVPGVGLGGLTPPAAAAAYKAAKAAKAAKAAKAAKAAKAAKAAKAAK 700
Db  812 GGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPGYGPQGPG 850
```

RESULT 6

```
PCT-US02-18256-53
; Sequence 53, Application PC/TUS0218256
; GENERAL INFORMATION:
; APPLICANT: Don A. Roth
; APPLICANT: Randolph V. Lewis
```

```
; APPLICANT: The University of Wyoming
; TITLE OF INVENTION: Expression of Spider Silk Proteins in Higher Plants
; FILE REFERENCE: UWYO 02-004
; CURRENT APPLICATION NUMBER: PCT/US02/18256
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/296,184
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 53
; LENGTH: 2304
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic spider silk protein
PCT-US02-18256-53

Query Match      19.6%; Score 719.5; DB 1; Length 2304;
Best Local Similarity 34.5%; Pred. No. 1.4e-29;
Matches 265; Conservative 27; Mismatches 326; Indels 151; Gaps 31;

Qy  27 GGVPGATPGGVPGVFPAGLGLGCGALGP-----GKPLKPVPGGLAGAGLGL 79
Db  13 GGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 72
Qy  80 GAFFAVTFP---GALVPGGVADAAAAYKAAKAGAGAGLGGVPGV-----GL 121
Db  73 GYGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 132
Qy  122 GVSAGAVVPGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 181
Db  133 GAGAG-----GAGAGAGYGGGLGGQGGY-GGL--GGQAGAGAGAGAGAGAGAG 179
Qy  182 VGGAPAGIPGVPGPG-----GPQGVPLGYPIKAPKLPGGYGLPYTTGKLPV 236
Db  180 AGG-YGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 226
Qy  237 GAAGKAGYPTGTGVPQAAAAAAYKAAKAFGAGAGVLPVGV----- 278
Db  227 GYGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 286
Qy  279 GAGVPGVPGAIPIGIGIAGVGTPTAAAAAAYKAAKAAKAAKAAKAAKAAKAA 338
Db  287 GAGYGGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 343
Qy  339 AGVPGVPGAGIPVTPCA-----GIPCAVPGVVSPEAAKAAKAAKAAKAA 385
Db  344 AGA-GAGA-GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 401
Qy  386 RPGV-GVGGIPTYGVGAGPGFPGFPGVGVG-GIPGVAGVPGVPGVPGVPGV-P 442
Db  402 LGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 461
Qy  443 AAAAAKAAKY-----GVGTAAAAAAYKAAKAAKAAKAAKAAKAAKAAKAA 487
Db  462 AGAGAGAGYGGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAG 514
Qy  488 GVGVAAPGVVAPGVGLAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGV 547
Db  515 GYGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 569
Qy  548 AAGLGA-GIPCLG-----VGVVPLGVGAGV-PGLGVGAGVPGFVAPG----- 591
Db  570 AGAGAGAGYGGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAG 629
Qy  592 -ALAAKAAKYGAAPVPGVGLGALGGVGI PGVVVAGPAAAAAAYKAAKAAKAA 650
Db  630 QGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 684
Qy  651 AGLGL-----GVGLGVPGVPGV-GLG-GTPPAAAAKAAKY-GVAARPGF 692
Db  685 GYGGLGGQGGYGGGLGGQAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 733
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Qy 328 GFGCGVGVGCA-GVPG-AGIPGAGIPVVP-AGIPGAGVGVVSPAAAKAAA 378
Db 851 GI-PGPIGQPLGHPGKGDGPPGLDVPGPBGRSGFPGA-PGPIGPPGSGPLPG 907
Qy 379 KAAKYGARPGVGVGIPVYGVGAGGFPF-FG-VGVGGIPGVAGVGVGVGVGVGP 433
Db 908 KA-----GSGFFPCTKGEMGMGPPGPPGLGIPGRSGVPLKGD 948
Qy 434 GVGISPEAQAATAAAYKYGVTTPAAAK-----AAAKAAQFALLNLGL- 479
Db 949 GLOQPGPLPGPTGKSGKEGEPGLPMPDNLGSKGEGEPGLPPIGVSGPKYQG 1008
Qy 480 VPGVGVAGVGVAGVGVAGVGLAPGVGVAGVGVAGV- 526
Db 1009 LPDPPQPLSGPLPGPPGPKGNPGLPGQPLGIPGLKGTIGDMGFPQGVGPPG 1068
Qy 527 PGVAAAATAAQAQAALGAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 585
Db 1069 PSVPGQPGSPGLPGQKD-KGDPGIISSIGLPLGPKGEPGLPGYPCNPGIKSVGDPG 1127
Qy 586 FGAVPGALAAAYKYGAAVGVVLGGLGALGVGI-----PGVVGAGPAAAA 633
Db 1128 LPGLPG-TPGAKGQPLPGFPPTGPKGISGPPGNPGLPGRPGVGGGHPGP 1183
Qy 634 AAKAAATAAQAQAALGAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 678
Db 1184 GPPGKGPQDGPFGPAGKGEPPGPNPGLPGLSGQKDGGLPGIPGNPLPG 1243
Qy 679 KAAKYGVAARPFGLSPIFP 699
Db 1244 PKGEPFGHFGVQVGPFGP 1264

RESULT 11

US-09-724-676A-75580
; Sequence 75580, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724,676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 75580
; LENGTH: 1636
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-75580

Query Match 15.9%; Score 583.5; DB 5; Length 1636;
Best Local Similarity 30.3%; Pred. No. 1.1e-22;
Matches 243; Conservative 50; Mismatches 281; Indels 227; Gaps 43;

Qy 3 GLTAAAPRGVLLLSILHPSRPG--GVPGAIPG--GVPGVFPYVPGAGLGGALGP 58
Db 587 GSPGAPGLPGL-----PCTPGQDGLPG-LPGKPGEGGITFK-----GERGP 627
Qy 59 GSKP-LKPVPGLAGAGLGLGAGFAVTPFGALVPGGVADAAAYKAAKAGAGLGGVPG 117
Db 628 PGNPGLPGLPNIWPMG-----P-----PFGPPGPGVGE-----KGIQGVAGNPGQPG 670
Qy 118 VGLGVSAVAVVPPQAGVKGKVPF-----VGLPGVYVPGVLPGARFPVGVVLPVGP 170
Db 671 IPGPKGDPGQITITQF-----KPG-LFGNPGRDGDVGLPG-DPG--LPQG--PG--LPGLP 718
Qy 171 TGAGVKKAPGV-----GAFAGIPG-----VGPPGGQPGVPLPGVP 207
Db 719 GSKG-EPGIPGILGPPGPKGFPPIPPGAPPTGRIGLEPPGPPGFPKGPKEPFA 777
Qy 208 IKAPKLPGYGLPYTTTKLPYGVGGVAGAKAGYPTGTGVGQAAAAAATAAFA 267
Db 778 LPGP--PGPPGLPGFKGAL-----GPKDRGFPFGPPGPGRTGLD----- 815

Qy 268 AGAAGVLPVGVGAGVGVPGAIPGIGGIAGVGTTPAAAAAATAAAYKAAAGLVPGGP 327
Db 816 -GLPFPKGDVGNQPG-PMGPPGLPGI-GVQGP-----PGPP 850
Qy 328 GFGGVGVVPGA-CVPG-AGIPGAGIPVVP-AGIPGAGVGVVSPAAAKAAA 378
Db 851 GI-PGPIGQPLGHPGKGDGPPGLDVPGPBGRSGFPGA-PGPIGPPGSGPLPG 907
Qy 379 KAAKYGARPGVGVGIPVYGVGAGGFPF-FG-VGVGGIPGVAGVGVGVGVGVGP 433
Db 908 KA-----GSGFFPCTKGEMGMGPPGPPGLGIPGRSGVPLKGD 948
Qy 434 GVGISPEAQAATAAAYKYGVTTPAAAK-----AAAKAAQFALLNLGL- 479
Db 949 GLOQPGPLPGPTGKSGKEGEPGLPMPDNLGSKGEGEPGLPPIGVSGPKYQG 1008
Qy 480 VPGVGVAGVGVAGVGVAGVGLAPGVGVAGVGVAGV- 526
Db 1009 LPDPPQPLSGQPLPGPPGPKGNPGLPGQPLGIPGLKGTIGDMGFPQGVGPPG 1068
Qy 527 PGVAAAATAAQAQAALGAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 585
Db 1069 PSVPGQPGSPGLPGQKD-KGDPGIISSIGLPLGPKGEPGLPGYPCNPGIKSVGDPG 1127
Qy 586 FGAVPGALAAAYKYGAAVGVVLGGLGALGVGI-----PGVVGAGPAAAA 633
Db 1128 LPGLPG-TPGAKGQPLPGFPPTGPKGISGPPGNPGLPGRPGVGGGHPGP 1183
Qy 634 AAKAAATAAQAQAALGAAAGLGA-GIPGLGVGVGVGVGVGVGVGVGVGV 678
Db 1184 GPPGKGPQDGPFGPAGKGEPPGPNPGLPGLSGQKDGGLPGIPGNPLPG 1243
Qy 679 KAAKYGVAARPFGLSPIFP 699
Db 1244 PKGEPFGHFGVQVGPFGP 1264

RESULT 12

US-60-423-552-139
; Sequence 139, Application US/60423552
; GENERAL INFORMATION:
; APPLICANT: American Home Product Inc.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING MAJOR DEPRESS
; FILE REFERENCE: AM101250L
; CURRENT APPLICATION NUMBER: US/60/423,552
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 1604
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-423-552-139

Query Match 15.7%; Score 578.5; DB 7; Length 1604;
Best Local Similarity 30.1%; Pred. No. 2e-22;
Matches 240; Conservative 52; Mismatches 286; Indels 219; Gaps 42;

Qy 3 GLTAAAPRGVLLLSILHPSRPG--GVPGAIPG--GVPGVFPYVPGAGLGGALGP 58
Db 483 GSPGAPGLPGL-----PCTPGQDGLPG-LPGKPGEGGITFK-----GERGP 523
Qy 59 GSKP-LKPVPGLAGAGLGLGAGFAVTPFGALVPGGVADAAAYKAAKAGAGLGGVPG 117
Db 524 PGNPGLPGLPNIWPMG-----P-----PGLAQGPVGE-----KGIQGVAGNPGQPG 566
Qy 118 VGLGVSAVAVVPPQAGVKGKVPF-----VGLPGVYVPGVLPGARFPVGVVLPVGP 174
Db 567 IPGPKGDPGQITITQF-----KPG-LFGNPGRDGDVGLPG-DPG--LPQG--PG--LPGLPSKG 618
Qy 175 VKKAPGVG-----GAFAGIPG-----VGPFGGPQVPLGVPIKAP 211

```
Db 619 -EPGIPGIGLPGCPGPKGPPGPGIPGPPGAPGTGPRIGLESGPPGPPGPKGPPGFP 677
Qy 212 KLPQGYGLPYTTGKLPYGVGPGVAGAGKAGYPTGTGVPQAAAAAATAAAKAAKAAK 271
Db 678 --PGPPGLPGFKGAL----GPKGDRGFPGPPGPPGRTGLD-----GLP 714
Qy 272 GVLPGVGGAGVPGVPCATPGTGGIAGVGTTPAAAAAATAAAKAAKAAAGLVPGGPGFP 331
Db 715 GPKGVDGNGQPG--PMGPPGLPGI--GVQGP-----PGPPGI-P 749
Qy 332 GVVGVPGA-GVPG----GVVPGAGIPVVPG----AGIPGAAVPGVVSPEAAKAAKAAK 382
Db 750 GPIQPGGLHGIPGEKGDPPGLDVPGPPGERGSPGIPGA--PGIPGPGSPGLPGKA-- 805
Qy 383 YGAPGVGVGGIPTTYGVGAGGPPG----FG-VGVGGIPGVAGVPGVGVGVPVGVGI 437
Db 806 -----GRSGFPGTGEMGMGPPGPPGPGPLGIPGRSGVPGGLKGGDLQG 848
Qy 438 SPEAQAATAAAKAAKYGVGTTPAAAAK-----AAKAAQFALLNLGL-----VPGV 483
Db 849 QGGLPGTGEKSGKEGPGPLGPPGPMNLLGSGKEGEPGLPGIPGVSGPKYQGLPGD 908
Qy 484 GVAPGVGAPGVGAPGVGLAPGVGAPGVGAPGV-----GVAPGIGPGGV 530
Db 909 PQPGLSQOPGLPGPPGPKGNPGLPQCPGLGPGTIGDMGFPGPGVGGPPGPGSV 968
Qy 531 AAAKAAKAAKAAQAAAAAGLGA-GIPGLGVGVGVPGLGVGAGVPGLVGAGVPGFAGV 589
Db 969 PQPQSPGLPGQKGD-KGDPGIISSIGLPLGPKGEPGLPGVPGNPGIKGSGVDPGLPL 1027
Qy 590 PGALAAKAAKAAKAAVPGVGLGGLGALGVGI-----PGVVGAGPAAAAAAK 637
Db 1028 PG-----TPGAKQOPGLGPPGTPGPPGPKGISGPPNPGPLGEPGPGVGGHPPGPPG 1083
Qy 638 AAAKAAQFGLVGAAGL-----GGLGVGLGVPGV-----GGLGGIP--PAAAAKAAK 682
Db 1084 EKGKPGQDGI PGPAQKGEPPGPGFNGPPLGGLSGQKGDGGLPGIPGNPGLPGPKGE 1143
Qy 683 YGVAARPGFGLSPIFP 699
Db 1144 PGFHGFPVQVGGPPGPPG 1160
```

RESULT 13

```
US-60-427-579-139
; Sequence 139, Application US/60427579
; GENERAL INFORMATION:
; APPLICANT: American Home Product Inc.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING MAJOR DEPRES
; TITLE OF INVENTION: DISORDER
; FILE REFERENCE: AM101250L
; CURRENT APPLICATION NUMBER: US/60/427,579
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 1604
; TYPE: PRT
; ORGANISM: Homo sapiens
US-60-427-579-139
```

Query Match 15.7%; Score 578.5; DB 7; Length 1604;
Best Local Similarity 30.1%; Pred. No. 2e-22;
Matches 240; Conservative 52; Mismatches 286; Indels 219; Gaps 42;

```
Qy 3 GLTAAAPRPGVLLLLLSILHPSRPG--GVPGAIPG--GVPGGVFPAGLGGALGALGP 58
Db 483 GSPGAPGLPGL-----PGTPGQDGLPG-LPGPKGEPGIIYFK-----GERP 523
Qy 59 GSKP-LKPVPGGLAGLGLGAGLGAFFAVTFPGALVPGGVADAAAAKAAKAGAGLGGVPG 117
Db 524 PNPGLPGLPGNIGPMG-----P-----PGLALQPVGE-----KGIQGVAGNPQGP 566
```

```
Qy 118 VGLGVGSAGAVVPOPG-AGVK--PGKVPVGLPGVYPGVLPGARFPGVGLPGVPTGAG 174
Db 567 IPGPKGDPGQTIITGPKRFGNFRDGDVGLPG-DFG--LPQG--PG---LPGIPGSKG 618
Qy 175 VKKAPGVG-----GAFAGIPG-----VGPEGGPQPGVPLGYPIKAP 211
Db 619 -EPGIPGIGLPGPPGPKGFPGIPGPPGAPGTGPRIGLESGPPGPPGFPKGPGEFPALPGP 677
Qy 212 KLPQGYGLPYTTGKLPYGVGPGVAGAGKAGYPTGTGVPQAAAAAATAAAKAAKAAK 271
Db 678 --PGPPGLPGFKGAL----GPKGDRGFPGPPGPPGRTGLD-----GLP 714
Qy 272 GVLPGVGGAGVPGVPCATPGTGGIAGVGTTPAAAAAATAAAKAAKAAAGLVPGGPGFP 331
Db 715 GPKGVDGNGQPG--PMGPPGLPGI--GVQGP-----PGPPGI-P 749
Qy 332 GVVGVPGA-GVPG----GVVPGAGIPVVPG----AGIPGAAVPGVVSPEAAKAAKAAK 382
Db 750 GPIQPGGLHGIPGEKGDPPGLDVPGPPGERGSPGIPGA--PGIPGPGSPGLPGKA-- 805
Qy 383 YGAPGVGVGGIPTTYGVGAGGPPG----FG-VGVGGIPGVAGVPGVGVGVPVGVGI 437
Db 806 -----GRSGFPGTGEMGMGPPGPPGPGPLGIPGRSGVPGGLKGGDLQG 848
Qy 438 SPEAQAATAAAKAAKYGVGTTPAAAAK-----AAKAAQFALLNLGL-----VPGV 483
Db 849 QGGLPGTGEKSGKEGPGPLGPPGPMNLLGSGKEGEPGLPGIPGVSGPKYQGLPGD 908
Qy 484 GVAPGVGAPGVGAPGVGLAPGVGAPGVGAPGV-----GVAPGIGPGGV 530
Db 909 PQPGLSQOPGLPGPPGPKGNPGLPQCPGLGPGTIGDMGFPGPGVGGPPGPGSV 968
Qy 531 AAAKAAKAAKAAQAAAAAGLGA-GIPGLGVGVGVPGLGVGAGVPGLVGAGVPGFAGV 589
Db 969 PQPQSPGLPGQKGD-KGDPGIISSIGLPLGPKGEPGLPGVPGNPGIKGSGVDPGLPL 1027
Qy 590 PGALAAKAAKAAKAAVPGVGLGGLGALGVGI-----PGVVGAGPAAAAAAK 637
Db 1028 PG-----TPGAKQOPGLGPPGTPGPPGPKGISGPPNPGPLGEPGPGVGGHPPGPPG 1083
Qy 638 AAAKAAQFGLVGAAGL-----GGLGVGLGVPGV-----GGLGGIP--PAAAAKAAK 682
Db 1084 EKGKPGQDGI PGPAQKGEPPGPGFNGPPLGGLSGQKGDGGLPGIPGNPGLPGPKGE 1143
Qy 683 YGVAARPGFGLSPIFP 699
Db 1144 PGFHGFPVQVGGPPGPPG 1160
```

RESULT 14

```
US-09-724-676-74673
; Sequence 74673, Application US/09724676
; GENERAL INFORMATION:
; APPLICANT: Comugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Comugen
; CURRENT APPLICATION NUMBER: US/09/724,676
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74673
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676-74673
```

Query Match 15.6%; Score 573; DB 5; Length 867;
Best Local Similarity 29.8%; Pred. No. 2e-22;
Matches 239; Conservative 58; Mismatches 252; Indels 252; Gaps 49;

```
Qy 1 MAGLTAAPRPGVLLLLLSILHPSRPG--GVPGAII-----PGVPGGVFPYPGA----- 46
```


Db 154 MPGRAGSPGRDG-----HPGLPGKPGSPGVLKGERGPPGGVGGPGRGDTGPPG 204
Qy 47 --GLGALG-----GGALPGGKPLK--PVPGLAGAGLGLAGLGAFFAVT 86
Db 205 PPGYPAGPIGDKQAQAGPFGGSPGLPGKPEPKIIVPLPGPPCAEGL-PSGPFPPGQ 263
Qy 87 ----FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVPQAGVKKP--- 139
Db 264 GDRGPPG--TPGRGLPGEKAGVGGGGLPGPPGPKGVDTGLPGDMGP-PTGPRGPGNG 320
Qy 140 -----KVPQVGLPGV--YFGVLPGARFPF-----VGLPGVPTGAGV--- 175
Db 321 LPGNPGVQKGEPCVGLPGLKLPGL--LPG--IPGTPEKSGISGV-PGVPEHGAIGPP 375
Qy 176 -----KPKAPGVGGAF--GIPGVPPFGPQPGVPLGYPIKAPKLPGGVGLPYTTGKL 226
Db 376 GLQIRGEPGPPGLPGSVGSPGVPIGPPGARGP-----PGGQPPGLS--- 419
Qy 227 PYGVPGGVAGAAKAGVPTGTGTVGPQAAAAAATAKAAKAFGAGAGVLPV-GGAGVPGV 285
Db 420 ----GPPGIKGEKGPFGPGLDMPGP-----KDGKAQG-LPGITGSGLPGL 462
Qy 286 PG--AIPGIGTAG-----VGTAAAAAATAKAAKAGVLPVGGPFGVGVGV 336
Db 463 PQQAGPIPGFPKSGEMVMT-----PGQPG-SFGPVA 498
Qy 337 PGAGVPGV---GVPGA---GIPVVPF---AGIPGAAPVGVVSPAAAAKAAKAYG 384
Db 499 P--GLPGEKGDHGFPGSSGPRGDPGLKGDVGLPGK--PGSMDKVDMSMKQKGDQ 554
Qy 385 ARPVGVGIGIPTYGVAGGFPFGVGGIPGVAGVPGVGGVGGVPGVGI SPEAQA 444
Db 555 EKGQIG----PIGEKSGRGP-----GTPGVKQDQAGQPGQPGKDPGSGTGPAGPL 606
Qy 445 AAAKAAKYGVTTPAAAAAATAKAAKAFALLNLGLVPGVGVAPGVGVAPGVVGLA 504
Db 607 PPKGSVGMGLPGTPGEGK-----VPGI---PGQGSFGL---PGDKGA 645
Qy 505 PGVGVAPGVGVAPGVVAPGI-----GPGVAAAAKAAKAAKAAQLRAAAGLGAIPGLG 560
Db 646 KG---EKQAQPPGIGI-PGLRGEKGDQIAGFPSPGEGKEKSGI-----GIPGM- 692
Qy 561 VGVVPGVGVAGVPGVGLGVAGVPGFAGVPGALAAKAAKAAKAAVPGVGLGGLGVGI 620
Db 738 PGTGPTGP-----AGQKEFGSDGIPG-SAGEKEGPELPGRGPPGPAKGD 784
Qy 679 KAAKYGAARPGFGLSPIFP 699
Db 785 KGSK-GEVGFPLAGSPGIPG 804

RESULT 15

US-09-724-676A-74673
; Sequence 74673, Application US/09724676A
; GENERAL INFORMATION:
; APPLICANT: Compugen LTD
; TITLE OF INVENTION: Variants of alternative splicing
; FILE REFERENCE: 129181.4 Compugen
; CURRENT APPLICATION NUMBER: US/09/724.676A
; CURRENT FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 97222
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74673
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-724-676A-74673

Query Match

15.6%; Score 573; DB 5; Length 867;

Best Local Similarity 29.8%; Pred. No. 2e-22;
Matches 239; Conservative 58; Mismatches 252; Indels 252; Gaps 49;

Qy 1 MAGLTAAPREFGVLLLLLSILHSPRG--GVPGA1-----PGVPGGVFPYPGA----- 46
Db 154 MPGRAGSPGRDG-----HPGLPGKPGSPGVLKGERGPPGGVGGPGRGDTGPPG 204
Qy 47 --GLGALG-----GGALPGGKPLK--PVPGLAGAGLGLAGLGAFFAVT 86
Db 205 PPGYPAGPIGDKQAQAGPFGGSPGLPGKPEPKIIVPLPGPPCAEGL-PSGPFPPGQ 263
Qy 87 ----FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVPQAGVKKP--- 139
Db 264 GDRGPPG--TPGRGLPGEKAGVGGGGLPGPPGPKGVDTGLPGDMGP-PTGPRGPGNG 320
Qy 140 -----KVPQVGLPGV--YFGVLPGARFPF-----VGLPGVPTGAGV--- 175
Db 321 LPGNPGVQKGEPCVGLPGLKLPGL--LPG--IPGTPEKSGISGV-PGVPEHGAIGPP 375
Qy 176 -----KPKAPGVGGAF--GIPGVPPFGPQPGVPLGYPIKAPKLPGGVGLPYTTGKL 226
Db 376 GLQIRGEPGPPGLPGSVGSPGVPIGPPGARGP-----PGGQPPGLS--- 419
Qy 227 PYGVPGGVAGAAKAGVPTGTGTVGPQAAAAAATAKAAKAFGAGAGVLPV-GGAGVPGV 285
Db 420 ----GPPGIKGEKGPFGPGLDMPGP-----KDGKAQG-LPGITGSGLPGL 462
Qy 286 PG--AIPGIGTAG-----VGTAAAAAATAKAAKAGVLPVGGPFGVGVGV 336
Db 463 PQQAGPIPGFPKSGEMVMT-----PGQPG-SFGPVA 498
Qy 337 PGAGVPGV---GVPGA---GIPVVPF---AGIPGAAPVGVVSPAAAAKAAKAYG 384
Db 499 P--GLPGEKGDHGFPGSSGPRGDPGLKGDVGLPGK--PGSMDKVDMSMKQKGDQ 554
Qy 385 ARPVGVGIGIPTYGVAGGFPFGVGGIPGVAGVPGVGGVGGVPGVGI SPEAQA 444
Db 555 EKGQIG----PIGEKSGRGP-----GTPGVKQDQAGQPGQPGKDPGSGTGPAGPL 606
Qy 445 AAAKAAKYGVTTPAAAAAATAKAAKAFALLNLGLVPGVGVAPGVGVAPGVVGLA 504
Db 607 PPKGSVGMGLPGTPGEGK-----VPGI---PGQGSFGL---PGDKGA 645
Qy 505 PGVGVAPGVGVAPGVVAPGI-----GPGVAAAAKAAKAAKAAQLRAAAGLGAIPGLG 560
Db 646 KG---EKQAQPPGIGI-PGLRGEKGDQIAGFPSPGEGKEKSGI-----GIPGM- 692
Qy 561 VGVVPGVGVAGVPGVGLGVAGVPGFAGVPGALAAKAAKAAKAAVPGVGLGGLGVGI 620
Db 693 --PGSPGL---KGSFG---SVGYPSGFLPG-----EKDGKGLPGLDGI PGVKEAGL 737
Qy 621 PGGVVGAGPAAAAAATAKAAKAAQFGLVGAAGLGLGVGGVPGVGVGLG--GIPAAAA 678
Db 738 PGTGPTGP-----AGQKEFGSDGIPG-SAGEKEGPELPGRGPPGPAKGD 784
Qy 679 KAAKYGAARPGFGLSPIFP 699
Db 785 KGSK-GEVGFPLAGSPGIPG 804

Search completed: February 3, 2003, 09:46:43
Job time : 54.8421 secs

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US-09-961-403-8

Query Match 99.3%; Score 3652; DB 23; Length 730;
Best Local Similarity 97.4%; Pred. No. 3.6e-229;
Matches 711; Conservative 0; Mismatches 1; Indels 18; Gaps 1;

QY 1 MAGLTAAPRPGVLLLSILHPSRPGVPGCAIPGGVPGVFPYPCAGLGGALGGALPGG 60
DB 1 MAGLTAAPRPGVLLLSILHPSRPGVPGCAIPGGVPGVFPYPCAGLGGALGGALPGG 60
QY 61 KPLKPVPGLAGAGLGGALGAFPAVTPPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 120
DB 61 KPLKPVPGLAGAGLGGALGAFPAVTPPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 120
QY 121 LGVSAGAVVPOPGAGVPGKVPGLPGVPGGLPGARFPGVGLPGVPTGAGVKPKAP 180
DB 121 LGVSAGAVVPOPGAGVPGKVPGLPGVPGGLPGARFPGVGLPGVPTGAGVKPKAP 180
QY 181 GVGAFAGIPGVPGFPQPGPQVPLGYPIKAPKLPGGVGLPVTGKLPVGVPGGVAGAG 240
DB 181 GVGAFAGIPGVPGFPQPGPQVPLGYPIKAPKLPGGVGLPVTGKLPVGVPGGVAGAG 240
QY 241 KAGYPTGTGTGVPQAAAAAAYKAAKAGAGLGGVPGVPGCAIPGIGGIAGVGT 300
DB 241 KAGYPTGTGTGVPQAAAAAAYKAAKAGAGLGGVPGVPGCAIPGIGGIAGVGT 300
QY 301 PAAAAAAYKAAKAGAGLGGVPGVPGVPGAGVPGVPGAGIPVVPVPGAGIP 360
DB 301 PAAAAAAYKAAKAGAGLGGVPGVPGVPGAGVPGVPGAGIPVVPVPGAGIP 360
QY 361 GAAVPGVVSPEAAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 420
DB 361 GAAVPGVVSPEAAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 420
QY 421 PGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 480
DB 421 PGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 480
QY 481 PGVGVAPGVGVPAGVPGVGLAPGVGVPAGVPGVPGVPGVPGVPGVPGVPGV 540
DB 481 PGVGVAPGVGVPAGVPGVGLAPGVGVPAGVPGVPGVPGVPGVPGVPGVPGV 540
QY 541 AAKAQLRAAAGLGGIPGLGVGVPGLGVGAGVPGVPGVPGVPGVPGVPGVPGV 600
DB 541 AAKAQLRAAAGLGGIPGLGVGVPGLGVGAGVPGVPGVPGVPGVPGVPGVPGV 600
QY 601 YGAAVPGVGLGGALGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 660
DB 601 YGAAVPGVGLGGALGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 660
QY 661 LGVPGVGLGGIPPAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 702
DB 661 LGVPGVGLGGIPPAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 702
QY 703 LGKACGRKK 712
DB 721 LGKACGRKK 730

RESULT 4

US-09-760-494-217
; Sequence 217, Application US/09760494
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC018
; CURRENT APPLICATION NUMBER: US/09/760,494
; CURRENT FILING DATE: 2001-01-16
; Prior application data removed - consult PALM or file wrapper
; NUMBER OF SEQ ID NOS: 258
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 217
; LENGTH: 772

TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: SITE
LOCATION: (25)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (192)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (488)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
NAME/KEY: SITE
LOCATION: (647)
OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-09-760-494-217

Query Match 98.4%; Score 3617; DB 21; Length 772;
Best Local Similarity 98.7%; Pred. No. 7.2e-237;
Matches 703; Conservative 0; Mismatches 3; Indels 6; Gaps 1;

QY 1 MAGLTAAPRPGVLLLSILHPSRPGVPGCAIPGGVPGVFPYPCAGLGGALGGALPGG 60
DB 67 MAGLTAAPRPGVLLLSILHPSRPGVPGCAIPGGVPGVFPYPCAGLGGALGGALPGG 126
QY 61 KPLKPVPGLAGAGLGGALGAFPAVTPPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 120
DB 127 KPLKPVPGLAGAGLGGALGAFPAVTPPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 186
QY 121 LGVSAGAVVPOPGAGVPGKVPGLPGVPGGLPGARFPGVGLPGVPTGAGVKPKAP 180
DB 187 LGVSAGAVVPOPGAGVPGKVPGLPGVPGGLPGARFPGVGLPGVPTGAGVKPKAP 246
QY 181 GVGAFAGIPGVPGFPQPGPQVPLGYPIKAPKLPGGVGLPVTGKLPVGVPGGVAGAG 240
DB 247 GVGAFAGIPGVPGFPQPGPQVPLGYPIKAPKLPGGVGLPVTGKLPVGVPGGVAGAG 306
QY 241 KAGYPTGTGTGVPQAAAAAAYKAAKAGAGLGGVPGVPGCAIPGIGGIAGVGT 300
DB 307 KAGYPTGTGTGVPQAAAAAAYKAAKAGAGLGGVPGVPGCAIPGIGGIAGVGT 366
QY 301 PAAAAAAYKAAKAGAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 360
DB 367 PAAAAAAYKAAKAGAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 426
QY 361 GAAVPGVVSPEAAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 420
DB 427 GAAVPGVVSPEAAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 486
QY 421 PGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 480
DB 487 PXVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 540
QY 481 PGVGVAPGVGVPAGVPGVGLAPGVGVPAGVPGVPGVPGVPGVPGVPGVPGV 540
DB 541 PGVGVAPGVGVPAGVPGVGLAPGVGVPAGVPGVPGVPGVPGVPGVPGVPGV 600
QY 541 AAKAQLRAAAGLGGIPGLGVGVPGLGVGAGVPGVPGVPGVPGVPGVPGVPGV 600
DB 601 AAKAQLRAAAGLGGIPGLGVGVPGLGVGAGVPGVPGVPGVPGVPGVPGVPGV 660
QY 601 YGAAVPGVGLGGALGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 660
DB 661 YGAAVPGVGLGGALGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 720
QY 661 LGVPGVGLGGIPPAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 712
DB 721 LGVPGVGLGGIPPAKAAKAAKAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 772

RESULT 5

US-10-223-026-217
; Sequence 217, Application US/10223026

```

; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC018CIN
; CURRENT APPLICATION NUMBER: US/10/223,026
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: 09/760,494
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 60/179,065
; PRIOR FILING DATE: 2000-01-31
; PRIOR APPLICATION NUMBER: 60/180,628
; PRIOR FILING DATE: 2000-02-04
; PRIOR APPLICATION NUMBER: 60/214,886
; PRIOR FILING DATE: 2000-06-28
; PRIOR APPLICATION NUMBER: 60/217,487
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,758
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/220,963
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/217,496
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/225,447
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: 60/218,290
; PRIOR FILING DATE: 2000-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 217
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (25)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (192)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (488)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (647)
; OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
US-10-223-026-217

Query Match          98.4%; Score 3617; DB 26; Length 772;
Best Local Similarity 98.7%; Pred. No. 7,2e-227;
Matches 703; Conservative 0; Mismatches 3; Indels 6; Gaps 1

Qy      1  MAGLTAAPRPGVLLILLLSILHPSRPGVPGALPGGVPGGVFYPGAGLGLGALGGALPGG 60
Db      67  MAGLTAAPRPGVLLILLLSILHPSRPGVPGALPGGVPGGVFYPGAGLGLGALGGALPGG 126

Qy     61  KPLKPVPGGLAGLAGLGAAGLGAFFAVTFPGALVPGGVADAAAAAAYKAKAGAGLGGVPGVG 120
Db    127  KPLKPVPGGLAGLAGLGAAGLGAFFAVTFPGALVPGGVADAAAAAAYKAKAGAGLGGVPGVG 186

Qy    121  LGVSAGAVVPPQAGVKGKPGVGLPGVTPGALVPGARPPGVGLPGVPTGAGVKPKAP 180
Db    187  LGVSAAAVVPPQAGVKGKPGVGLPGVTPGALVPGARPPGVGLPGVPTGAGVKPKAP 246

Qy    181  GVGGAFAGI PGVPGFGPGQVPLGVPYPIKAPKLPGGVGLPYTTGKLPYGVGPGVAGAAG 240
Db    247  GVGGAFAGI PGVPGFGPGQVPLGVPYPIKAPKLPGGVGLPYTTGKLPYGVGPGVAGAAG 306

Qy    241  XAGYPTGTGVGPAAAAAAYKAKAFGAGAGVLPVGGAGVPGVPGVPAIGIAGVGT 300

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US-09-463-091-3

Query Match 94.8%; Score 3485; DB 18; Length 698;
Best Local Similarity 96.4%; Pred. No. 2.5e-218;
Matches 679; Conservative 0; Mismatches 1; Indels 24; Gaps 2;

Qy 27 GGVPCGAI PGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGFPAV 86
Db 1 GGVPCGAI PGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGFPAV 60
Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGI LGVSAGAVVPOPGAGVPGKVPVGL 146
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGI LGVSAGAVVPOPGAGVPGKVPVGL 120
Qy 147 PGVTPGGVLPGARPPGVGLPGVTPGAGVKPKAPGVGAGFAGIPGVGPGPQPGVPLGY 206
Db 121 PGVTPGGVLPGARPPGVGLPGVTPGAGVKPKAPGVGAGFAGIPGVGPGPQPGVPLGY 180
Qy 207 PIKAPKLPGGYGLPYTTCKLPVGYGPGGVAGAGKAGYPTGTGVPQAAAAA KAAAKF 266
Db 181 PIKAPKLPGGYGLPYTTCKLPVGYGPGGVAGAGKAGYPTGTGVPQAAAAA KAAAKF 240
Qy 267 GAGAAGVLPVGGAGVPGVPGCAIPGIGIAGVGTPTAAAAA KAAAGLVPGG 326
Db 241 GAGAAGVLPVGGAGVPGVPGCAIPGIGIAGVGTPTAAAAA KAAAGLVPGG 300
Qy 327 PGFGPGVVGVPAGVPGVPGAGIPVVPAGIPGAAVPGVVSPEAAAKAAKAYGAR 386
Db 301 PGFGPGVVGVPAGVPGVPGAGIPVVPAGIPGAAVPGVVSPEAAAKAAKAYGAR 360
Qy 387 PGVGGGIPTYGVGAGGPGPGVGGIPGVAGVPGVGGVPGVGGVPGVGGI SPENAAAA 446
Db 361 PGVGGGIPTYGVGAGGPGPGVGGIPGVAGVPGVGGVPGVGGVPGVGGI SPENAAAA 420
Qy 447 AKAAKYGVTPTAAAAA KAAKAAQFALLNLAGLVPGVGVAPGVGVAGVGLAPG 506
Db 421 AKAAKYGVTPTAAAAA KAAKAAQF-----GLVPGVGVAPGVGVAGVGLAPG 474
Qy 507 VGVAPGVGVAPGVGVAPGVGIPGPGVAAAAA KAAKAAQLRAAAGLGGAGIPGLGVGVGP 566
Db 475 VGVAPGVGVAPGVGVAPGVGIPGPGVAAAAA KAAKAAQLRAAAGLGGAGIPGLGVGVGP 534
Qy 567 GLGVGAGVPGLVGAGVPGFAGVPGALAAAKAAKAAKAAQLRAAAGLGGAGIPGLGVGVGP 626
Db 535 GLGVGAGVPGLVGAGVPGFAGVPGALAAAKAAKAAKAAQLRAAAGLGGAGIPGLGVGVGP 594
Qy 627 AGPAAAAA KAAKAAKAAQFGLVGAAGLGGVGGI LGVPGVGGI LGVGGI PPAKAAKAAK 683
Db 595 AGPAAAAA KAAKAAKAAQFGLVGAAGLGGVGGI LGVPGVGGI LGVGGI PPAKAAKAAK 654
Qy 684 -----GVAARPGFGLSPIFFPGGACLGKACGRKK 712
Db 655 GLGGVLCGAGQFPLGGVAAAPFGFGLSPIFFPGGACLGKACGRKK 698

RESULT 7
US-09-743-818-5
; Sequence 5, Application US/09743818
; GENERAL INFORMATION:
; APPLICANT: The University of Sydney
; TITLE OF INVENTION: Protease Susceptibility
; FILE REFERENCE: Weiss Protease
; CURRENT APPLICATION NUMBER: US/09/743,818
; CURRENT FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 698
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-743-818-5

Query Match 94.8%; Score 3485; DB 21; Length 698;

Best Local Similarity 96.4%; Pred. No. 2.5e-218;
Matches 679; Conservative 0; Mismatches 1; Indels 24; Gaps 2;

Qy 27 GGVPCGAI PGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGFPAV 86
Db 1 GGVPCGAI PGVPGGVYFPGAGLGGGALPGGKPLKPVPGGLAGAGLGGAGLGFPAV 60
Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGI LGVSAGAVVPOPGAGVPGKVPVGL 146
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGI LGVSAGAVVPOPGAGVPGKVPVGL 120
Qy 147 PGVTPGGVLPGARPPGVGLPGVTPGAGVKPKAPGVGAGFAGIPGVGPGPQPGVPLGY 206
Db 121 PGVTPGGVLPGARPPGVGLPGVTPGAGVKPKAPGVGAGFAGIPGVGPGPQPGVPLGY 180
Qy 207 PIKAPKLPGGYGLPYTTCKLPVGYGPGGVAGAGKAGYPTGTGVPQAAAAA KAAAKF 266
Db 181 PIKAPKLPGGYGLPYTTCKLPVGYGPGGVAGAGKAGYPTGTGVPQAAAAA KAAAKF 240
Qy 267 GAGAAGVLPVGGAGVPGVPGCAIPGIGIAGVGTPTAAAAA KAAAGLVPGG 326
Db 241 GAGAAGVLPVGGAGVPGVPGCAIPGIGIAGVGTPTAAAAA KAAAGLVPGG 300
Qy 327 PGFGPGVVGVPAGVPGVPGAGIPVVPAGIPGAAVPGVVSPEAAAKAAKAYGAR 386
Db 301 PGFGPGVVGVPAGVPGVPGAGIPVVPAGIPGAAVPGVVSPEAAAKAAKAYGAR 360
Qy 387 PGVGGGIPTYGVGAGGPGPGVGGIPGVAGVPGVGGVPGVGGVPGVGGI SPENAAAA 446
Db 361 PGVGGGIPTYGVGAGGPGPGVGGIPGVAGVPGVGGVPGVGGVPGVGGI SPENAAAA 420
Qy 447 AKAAKYGVTPTAAAAA KAAKAAQFALLNLAGLVPGVGVAPGVGVAGVGLAPG 506
Db 421 AKAAKYGVTPTAAAAA KAAKAAQF-----GLVPGVGVAPGVGVAGVGLAPG 474
Qy 507 VGVAPGVGVAPGVGVAPGVGIPGPGVAAAAA KAAKAAQLRAAAGLGGAGIPGLGVGVGP 566
Db 475 VGVAPGVGVAPGVGVAPGVGIPGPGVAAAAA KAAKAAQLRAAAGLGGAGIPGLGVGVGP 534
Qy 567 GLGVGAGVPGLVGAGVPGFAGVPGALAAAKAAKAAKAAQLRAAAGLGGAGIPGLGVGVGP 626
Db 535 GLGVGAGVPGLVGAGVPGFAGVPGALAAAKAAKAAKAAQLRAAAGLGGAGIPGLGVGVGP 594
Qy 627 AGPAAAAA KAAKAAKAAQFGLVGAAGLGGVGGI LGVPGVGGI LGVGGI PPAKAAKAAK 683
Db 595 AGPAAAAA KAAKAAKAAQFGLVGAAGLGGVGGI LGVPGVGGI LGVGGI PPAKAAKAAK 654
Qy 684 -----GVAARPGFGLSPIFFPGGACLGKACGRKK 712
Db 655 GLGGVLCGAGQFPLGGVAAAPFGFGLSPIFFPGGACLGKACGRKK 698

RESULT 8
US-09-340-736-1
; Sequence 1, Application US/09340736
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736
; CURRENT FILING DATE: 1999-06-29
; PRIOR APPLICATION NUMBER: 08/911,364
; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT

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; ORGANISM: Homo sapiens
US-09-340-736-1

Query Match      94.1%; Score 3458.5; DB 17; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVPCAIPEGVPGGVYFPGAGLGGGALGPGGKPLKPVPGGLAGAGLGAAGLGAFFAVT 86
Db 1 GGVPCAIPEGVPGGVYFPGAGLGGGALGPGGKPLKPVPGGLAGAGLGAAGLGAFFAVT 60

Qy 87 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPQGVKPKVPGVGL 146
Db 61 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPQGVKPKVPGVGL 120

Qy 147 PGVYPGGVLPGARFPGVGLPVTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 206
Db 121 PGVYPGGVLPGARFPGVGLPVTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 180

Qy 207 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 266
Db 181 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 240

Qy 267 GAGAAAGVLPGGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKYGAAAGLVPGG 326
Db 241 GAGAAAGVLPGGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKYGAAAGLVPGG 300

Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVGVAPGVGVPAGVGLAPG 386
Db 301 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVGVAPGVGVPAGVGLAPG 360

Qy 387 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 446
Db 361 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 420

Qy 447 AKAAKYGVGTTPAAAAAAYKAAKAAQFALLNLGALVPGVGVAPGVGVPAGVGLAPG 506
Db 421 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVPAGVGLAPG 474

Qy 507 VGVAPGVGVAPGVGVAPGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVPAGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGGVAAAKAAKAAQF-----GLVPGVGVAPGVGVPAGVGLAPG 534

Qy 567 GLGVGAGVPGVGLGVGAGVPGFGA-----VPGAL 593
Db 535 GLGVGAGVPGVGLGVGAGVPGFGA-----VPGAL 594

Qy 594 AAATAKAAKYGAAPVGLGGLGALGGVIGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVP 653
Db 595 AAATAKAAKYGAAPVGLGGLGALGGVIGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVP 654

Qy 654 GGLGVGGLGVPGVGGIIGIPAAAAAAYKAAK-----GVAARPGFGLSP 695
Db 655 GGLGVGGLGVPGVGGIIGIPAAAAAAYKAAK-----GVAARPGFGLSP 714

Qy 696 IFPGGACLGKACGRKK 712
Db 715 IFPGGACLGKACGRKK 731

RESULT 9
US-09-340-736A-1
; Sequence 1, Application US/09340736A
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER
; APPLICANT: KEELEY, FRED
; APPLICANT: ROTHSTEIN, STEVEN
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
; FILE REFERENCE: 041082/0110
; CURRENT APPLICATION NUMBER: US/09/340,736A
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 08/911,364

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; PRIOR FILING DATE: 1997-08-07
; PRIOR APPLICATION NUMBER: 60/023,552
; PRIOR FILING DATE: 1996-08-07
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 731
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-340-736A-1

Query Match      94.1%; Score 3458.5; DB 17; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVPCAIPEGVPGGVYFPGAGLGGGALGPGGKPLKPVPGGLAGAGLGAAGLGAFFAVT 86
Db 1 GGVPCAIPEGVPGGVYFPGAGLGGGALGPGGKPLKPVPGGLAGAGLGAAGLGAFFAVT 60

Qy 87 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPQGVKPKVPGVGL 146
Db 61 FPGALVPGGVADAAAAAAYKAAKAGAGLGGVPGVGGGLVSAGAVVPPQGVKPKVPGVGL 120

Qy 147 PGVYPGGVLPGARFPGVGLPVTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 206
Db 121 PGVYPGGVLPGARFPGVGLPVTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 180

Qy 207 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 266
Db 181 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAK 240

Qy 267 GAGAAAGVLPGGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKYGAAAGLVPGG 326
Db 241 GAGAAAGVLPGGVGGAGVPGVPGAIPIGIGIAGVGTTPAAAAAAYKAAKYGAAAGLVPGG 300

Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVGVAPGVGVPAGVGLAPG 386
Db 301 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAVPGVGVAPGVGVPAGVGLAPG 360

Qy 387 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 446
Db 361 PGVGGVGGIPTYGVGAGGPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVPGVGGVPGVGG 420

Qy 447 AKAAKYGVGTTPAAAAAAYKAAKAAQFALLNLGALVPGVGVAPGVGVPAGVGLAPG 506
Db 421 AKAAKYGVGTTPAAAAAAYKAAKAAQF-----GLVPGVGVAPGVGVPAGVGLAPG 474

Qy 507 VGVAPGVGVAPGVGVAPGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVPAGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGGVAAAKAAKAAQF-----GLVPGVGVAPGVGVPAGVGLAPG 534

Qy 567 GLGVGAGVPGVGLGVGAGVPGFGA-----VPGAL 593
Db 535 GLGVGAGVPGVGLGVGAGVPGFGA-----VPGAL 594

Qy 594 AAATAKAAKYGAAPVGLGGLGALGGVIGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVP 653
Db 595 AAATAKAAKYGAAPVGLGGLGALGGVIGIPGGVAAAKAAKAAQFALLNLGALVPGVGVAPGVGVP 654

Qy 654 GGLGVGGLGVPGVGGIIGIPAAAAAAYKAAK-----GVAARPGFGLSP 695
Db 655 GGLGVGGLGVPGVGGIIGIPAAAAAAYKAAK-----GVAARPGFGLSP 714

Qy 696 IFPGGACLGKACGRKK 712
Db 715 IFPGGACLGKACGRKK 731

RESULT 10
US-09-340-736B-1
; Sequence 1, Application US/09340736E
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, ASER

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APPLICANT: KESLEY, PRED
APPLICANT: ROTHSTEIN, STEVEN
TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN ELASTIN
FILE REFERENCE: 041082/0110
CURRENT FILING DATE: 1999-06-29
PRIORITY APPLICATION NUMBER: 08/911,364
PRIORITY FILING DATE: 1997-08-07
PRIORITY APPLICATION NUMBER: 60/023,552
PRIORITY FILING DATE: 1996-08-07
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 731
TYPE: PRT
ORGANISM: Homo sapiens
US-09-340-736E-1

Query Match 94.1%; Score 3458.5; DB 17; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVFGAIPGGVPGGVFYFGAGLGGALGGGALPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 86
Db 1 GGVFGAIPGGVPGGVFYFGAGLGGALGGGALPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 60
Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAGAVVPPQAGAVKPGKVPVGVGL 146
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAGAVVPPQAGAVKPGKVPVGVGL 120
Qy 147 PGVYVPGVLPGARPPGVGVLPVGTGAGVKPKAPGVGGAFAGIPGVGPPGPGQPGVPLGY 206
Db 121 PGVYVPGVLPGARPPGVGVLPVGTGAGVKPKAPGVGGAFAGIPGVGPPGPGQPGVPLGY 180
Qy 207 PIKAPKLPGGYGLPYTTGKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 266
Db 181 PIKAPKLPGGYGLPYTTGKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 240
Qy 267 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAAAAATAAKAGYGAAGLVPGG 326
Db 241 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAAAAATAAKAGYGAAGLVPGG 300
Qy 327 PGFGVGVVPGAGVPGVPGAGIPVVPAGIPCAAVPVGVVSPAAAAAATAAKAGYGAAR 386
Db 301 PGFGVGVVPGAGVPGVPGAGIPVVPAGIPCAAVPVGVVSPAAAAAATAAKAGYGAAR 360
Qy 387 PGVGGGIPTYGVGAGGPPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVSPAAAAA 446
Db 361 PGVGGGIPTYGVGAGGPPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVSPAAAAA 420
Qy 447 AKAAYGVGTPTAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGVAPGVGLAPG 506
Db 421 AKAAYGVGTPTAAAAAATAAKAQAQF-----GLVPGVPGVAPGVGVAPGVGLAPG 474
Qy 507 VGVAPGVGVAPGVGVAPGIPGPGVAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGPGVAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGLAPG 534
Qy 567 GLGVGAGVPGVGVGAGVPGFCA-----VPGAL 593
Db 535 GLGVGAGVPGVGVGAGVPGFAGADEGVRRSLSPELREGDPSSQHLPTSTPSSPRVPGAL 594
Qy 594 AAAAAAYGAAPVGLGGLGAGLVGIPGVVGVGAPAAAAAATAAKAQAQFGLVGAAGL 653
Db 595 AAAAAAYGAAPVGLGGLGAGLVGIPGVVGVGAPAAAAAATAAKAQAQFGLVGAAGL 654
Qy 654 GGLGVGGLVPGVGGVGGIPAAAAAATAAKY-----GVAAAPGFGVGLSP 695
Db 655 GGLGVGGLVPGVGGVGGIPAAAAAATAAKY-----GVAAAPGFGVGLSP 714
Qy 696 IFPGAGCLGKACGRKK 712
|||||

Db 715 IFPGAGCLGKACGRKK 731
RESULT 11
US-09-743-818-4
Sequence 4, Application US/09743818
GENERAL INFORMATION:
APPLICANT: The University of Sydney
TITLE OF INVENTION: Protease Susceptibility
FILE REFERENCE: Weiss Protease
CURRENT APPLICATION NUMBER: US/09/743,818
CURRENT FILING DATE: 2001-01-15
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 731
TYPE: PRT
ORGANISM: Homo sapiens
US-09-743-818-4

Query Match 94.1%; Score 3458.5; DB 21; Length 731;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;

Qy 27 GGVFGAIPGGVPGGVFYFGAGLGGALGGGALPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 86
Db 1 GGVFGAIPGGVPGGVFYFGAGLGGALGGGALPGGKPLKPVPGGLAGAGLGAAGLGAFFPAVT 60
Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAGAVVPPQAGAVKPGKVPVGVGL 146
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVSGAGAVVPPQAGAVKPGKVPVGVGL 120
Qy 147 PGVYVPGVLPGARPPGVGVLPVGTGAGVKPKAPGVGGAFAGIPGVGPPGPGQPGVPLGY 206
Db 121 PGVYVPGVLPGARPPGVGVLPVGTGAGVKPKAPGVGGAFAGIPGVGPPGPGQPGVPLGY 180
Qy 207 PIKAPKLPGGYGLPYTTGKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 266
Db 181 PIKAPKLPGGYGLPYTTGKLPYGVGGVAGAGKAGYPTGTGVPQAAAAAATAAKAF 240
Qy 267 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAAAAATAAKAGYGAAGLVPGG 326
Db 241 GAGAAGVLPVGGGAGVPGVPGAIPIGIGIAGVGTPTAAAAAATAAKAGYGAAGLVPGG 300
Qy 327 PGFGVGVVPGAGVPGVPGAGIPVVPAGIPCAAVPVGVVSPAAAAAATAAKAGYGAAR 386
Db 301 PGFGVGVVPGAGVPGVPGAGIPVVPAGIPCAAVPVGVVSPAAAAAATAAKAGYGAAR 360
Qy 387 PGVGGGIPTYGVGAGGPPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVSPAAAAA 446
Db 361 PGVGGGIPTYGVGAGGPPGFGVGGIPGVAGVPGVGGVPGVGGVPGVGGVSPAAAAA 420
Qy 447 AKAAYGVGTPTAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGVAPGVGLAPG 506
Db 421 AKAAYGVGTPTAAAAAATAAKAQAQF-----GLVPGVPGVAPGVGVAPGVGLAPG 474
Qy 507 VGVAPGVGVAPGVGVAPGIPGPGVAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGLAPG 566
Db 475 VGVAPGVGVAPGVGVAPGIPGPGVAAAAAATAAKAQAQFALLNLTLVPGVPGVAPGVGLAPG 534
Qy 567 GLGVGAGVPGVGVGAGVPGFCA-----VPGAL 593
Db 535 GLGVGAGVPGVGVGAGVPGFAGADEGVRRSLSPELREGDPSSQHLPTSTPSSPRVPGAL 594
Qy 594 AAAAAAYGAAPVGLGGLGAGLVGIPGVVGVGAPAAAAAATAAKAQAQFGLVGAAGL 653
Db 595 AAAAAAYGAAPVGLGGLGAGLVGIPGVVGVGAPAAAAAATAAKAQAQFGLVGAAGL 654
Qy 654 GGLGVGGLVPGVGGVGGIPAAAAAATAAKY-----GVAAAPGFGVGLSP 695
Db 655 GGLGVGGLVPGVGGVGGIPAAAAAATAAKY-----GVAAAPGFGVGLSP 714
Qy 696 IFPGAGCLGKACGRKK 712
|||||

Db 715 IFPGACLGKACGRKK 731

RESULT 12

US-09-463-091-2
; Sequence 2, Application US/09463091
; GENERAL INFORMATION:
; APPLICANT: WEISS, ANTHONY S
; UNIVERSITY, SYDNEY
; TITLE OF INVENTION: TROPOELASTIN DERIVATIVES
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GRIFFLTH HACK
; STREET: 168 WALKER STREET
; CITY: NORTH SYDNEY
; STATE: NEW SOUTH WALES
; COUNTRY: AUSTRALIA
; ZIP: 2060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,091
; FILING DATE: 31-Mar-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU P08117
; FILING DATE: 18-JUL-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: GUMLEY, THOMAS P
; REFERENCE/DOCKET NUMBER: 048282K
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 61 2 9957 5944
; TELEFAX: 61 2 9957 6288
; TELEX: 26547
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 733 amino acids
; TYPE: amino acid
; STRANDEDNESS: <Unknown>
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-463-091-2

Query Match 94.1%; Score 3458.5; DB 18; Length 733;
Best Local Similarity 92.1%; Pred. No. 1.4e-216;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;
Qy 27 GGVPAIPGGVPGVFPYPGAGLGGGALGPGKPLKVPVPGGLAGAGLGGAGLGGAPPAVT 86
Db 3 GGVPAIPGGVPGVFPYPGAGLGGGALGPGKPLKVPVPGGLAGAGLGGAGLGGAPPAVT 62
Qy 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPPGAGVKPKVPGVL 146
Db 63 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGGVGSAGAVVPPGAGVKPKVPGVL 122
Qy 147 PGVYPGVLPGARFPGVGLVPGVTPGAGVKPKAPGVGGAFAGIPGVPGPGPQPGVPLGY 206
Db 123 PGVYPGVLPGARFPGVGLVPGVTPGAGVKPKAPGVGGAFAGIPGVPGPGPQPGVPLGY 182
Qy 207 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 266
Db 183 PIKAPKLPGGYGLPYTTGKLPYGYGPGGVAGAGKAGYPTGTGVPQAAAAAAYKAAKAF 242
Qy 267 GAGAGVLPVGGAGVPGVPGAIPIGGTAGVTPAAAAAAYKAAKAGLVPGG 326
Db 243 GAGAGVLPVGGAGVPGVPGAIPIGGTAGVTPAAAAAAYKAAKAGLVPGG 302
Qy 327 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVPGVSPAAAAKAAKAYGAR 386

Db 303 PGFGPGVGVPGAGVPGVPGAGIPVVPAGIPGAAPVPGVSPAAAAKAAKAYGAR 362
Qy 387 PGVGVGGIPTTYGVGAGCPFGVGVGGIPGVVAGVPGVGGVPGVGGVSPAAAAA 446
Db 363 PGVGVGGIPTTYGVGAGCPFGVGVGGIPGVVAGVPGVGGVPGVGGVSPAAAAA 422
Qy 447 AKAAYKGVGTPAAAAAAYKAAKAGLGGVPGVGGVAGVPGVPGVPGVGLAPG 506
Db 423 AKAAYKGVGTPAAAAAAYKAAKAGLGGVPGVGGVAGVPGVPGVPGVGLAPG 476
Qy 507 VGVAPGVGVPAGVPGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 566
Db 477 VGVAPGVGVPAGVPGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 536
Qy 567 GLGVGAGVPGVGLGVGAGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 593
Db 537 GLGVGAGVPGVGLGVGAGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 596
Qy 594 AKAAYKGVGTPAAAAAAYKAAKAGLGGVPGVGGVAGVPGVGGVAGVPGVPGVGLAPG 653
Db 597 AKAAYKGVGTPAAAAAAYKAAKAGLGGVPGVGGVAGVPGVGGVAGVPGVPGVGLAPG 656
Qy 654 GGLGVGGLGVPGVGGVGGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 695
Db 657 GGLGVGGLGVPGVGGVGGVPGVGGVAGVPGVGGVAGVPGVPGVPGVGLAPG 716
Qy 696 IFPGGACLGKACGRKK 712
Db 717 IFPGGACLGKACGRKK 733

RESULT 13

US-10-108-260A-2477
; Sequence 2477, Application US/10108260A
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: Novel full length cdna
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2477
; LENGTH: 663
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-108-260A-2477

Query Match 88.2%; Score 3244.5; DB 25; Length 663;
Best Local Similarity 87.8%; Pred. No. 1.1e-202;
Matches 641; Conservative 1; Mismatches 3; Indels 85; Gaps 3;
Qy 1 MAGLTAAPRPGVLLLSILHPSRPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 60
Db 1 MAGLTAAPRPGVLLLSILHPSRPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 60
Qy 61 KPLKPVPGGLAGAGLGGAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 120
Db 61 KPLKPVPGGLAGAGLGGAGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 89
Qy 121 LGVSAGAVVPPGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 180
Db 90 LGVSAGAVVPPGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 149
Qy 181 GVGGAFAPIPGVPGPGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGVAGAG 240
Db 150 GVGGAFAPIPGVPGPGPQPGVPLGYPIKAPKLPGGYGLPYTTGKLPYGYGPGVAGAG 209
Qy 241 KAGYPTGTGVPQAAAAAAYKAAKAGLGGVPGVGGVAGVPGVPGVPGVPGVPGV 300
Db 210 KAGCPTGTGVPQAAAAAAYKAAKAGLGGVPGVGGVAGVPGVPGVPGVPGVPGV 269


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; SEQ ID NO 34
; LENGTH: 2003
; TYPE: PRT
; ORGANISM: Artificial Sequence
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(2003)
; OTHER INFORMATION: Synthetic
US-09-837-969A-34

Query Match      27.7%; Score 1017; DB 10; Length 2003;
Best Local Similarity 42.8%; Pred. No. 5.1e-49;
Matches 327; Conservative 48; Mismatches 254; Indels 135; Gaps 59;

Qy 28 GVPG-AIPG-GVPG-----GVYFPGAGLGGALG-PG-GKPLKVPF-G-GLAGAGLGG 78
Db 3 GVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVG 62

Qy 79 LGAPPVTFPGALVPGGVADAAAAYKAAKAGAGLG--GVPGV--GLGVSAGV--VPQP 132
Db 63 VGV--PGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 121

Qy 133 GAGVKPGVPGVGLPGV--YPGGLVPGARFPGVGLPGVPT--GAGV--KPKAPGVGGAFA 188
Db 122 GVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 180

Qy 189 IPGVGPFPGPGVPL--GYPIKAPKLP-----GYGLPYTTGKLPYGVGPGVAGAG 243
Db 181 VPGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 230

Qy 244 YPTGTGVPQAAAAAAYKAAKAGAGAGV--LPQGV--GAGVPGV-----PG-AIPG 291
Db 231 VP--GVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 289

Qy 292 IG-----GIAGVGTAAAAAAYKAAKAGAGLVP--GGPFG--PGV-----VGVP 340
Db 290 VGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 346

Qy 341 VPGVGVGVPAGIP--VVPAGIPGAAVPGVVSPEAAAAKAAKAGAGV--GIPT 396
Db 347 VPGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 405

Qy 397 YGVGAGFPFGV--GVG-----GIPGAGVPGV-----GVPGV-----GVPG 443
Db 406 VGVPGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 459

Qy 444 AAAKAAKYGVGTAAAAAAYKAAKAGAGL--VPGVGVAPGVG-----APGVGV 497
Db 460 -----GVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 509

Qy 498 APVGLAPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 556
Db 510 -PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV 564

Qy 557 PGLGV--GVGVGVPGLV--GAGVPGV--GAGVPGV--AVPGALAAKAAKAGAGV-- 608
Db 565 PGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 624

Qy 609 LGLGALG-----GVGIPG--GVVAGPAAAAAAYKAAKAGAGL--VGAAGL--GLG 657
Db 625 VPGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 684

Qy 658 VGLGVGVPGV--GLG-----GIPAAAAAAYKAAKAGAGLSP 695
Db 685 VPGVGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVPGVGVP 727

RESULT 4
US-09-841-321A-34
; Sequence 34, Application US/09841321A
; Patent No. US20020116069A1
; GENERAL INFORMATION:
; APPLICANT: Urry, Dan
```


Thu Feb 6 14:42:44 2003

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; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (1)..(1300)
; OTHER INFORMATION: Synthetic
;
US-09-837-969A-55

Query Match      26.1%; Score 959; DB 10; Length 1300;
Best Local Similarity 39.5%; Pred. No. 5.3e-46;
Matches 305; Conservative 77; Mismatches 221; Indels 170; Gaps 66;

Qy 11 PGVLLLLLSILHPSRPG-GVPG-AIPG-GVPG-----GVFPAGLGGALG-PG-GK 61
Db 5 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 64
Qy 62 PLKEVPVPG-GLAGAGL-GAGLCAFAVTPPGALVPG-GVADAAAAAYKAAKAGAGLGGV--P 116
Db 65 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 110
Qy 117 GVG--GLGVSAAGAVVPO---PGAGVPGKVPFVGLPGV-YFEGVLPGARFPVGVG---L 166
Db 111 GVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI-PGVGIPGVGI 169
Qy 167 PGVP-TGAGVVKAPGVGGAFAPIGVGPFPGPQPCVPL-GYPIKAPKLPG-----GYCLP 220
Db 170 PGVGIPGVGI----PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 225
Qy 221 YTTGKLPYGYGPGGAGAGKAGVPTGTGVPQAAAAAAYKAAKAFGAGAGV-LPVGVG- 278
Db 226 -----GVGIPGV-GIPV-VGIP-GVGI-PGVGIPGVGIPGVGIPGVGIPGVGIP 274
Qy 279 -GAGVPV--PG-AIPGIG----GIAGVGTFAAAAAAAYKAAKAGLVPGG--PG 328
Db 275 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 331
Qy 329 FG-PGV----VGVPGAGVPVGVPGAGIPV--PGAGIPGAAPGVVSPAAKAAKAA 381
Db 332 VGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 384
Qy 382 KYGAPPGVVG--GIPTVGVGAGPGPGV-GVG---GIPGVAGVPVG---GVPGVG 430
Db 385 -----PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 438
Qy 431 ----GVPGVGISPEAQAAAAAAYKAAKYGVTGTPAAAAAAYKAAKAAQFALLNLGL-VPGVG 485
Db 439 IPGVGIPGVIP-----GVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 484
Qy 486 APGVGVPAGVAPGVGLAPGVGVPAGVAPGVGVPAGVAPGVGVPAGVAPGVGVPAGV 545
Db 485 -PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGVGI-PGV 537
Qy 546 LRAAAGL-CAGIPLGLV-GVGPGLGV-CAGVPGLV-CAGVPGFAGVPGALAAKAAKY 601
Db 538 GIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 590
Qy 602 GAAVPGV-LGGLGALG---GVGIPG-VVVGAGPAAAAAAYKAAKAAQFGLVGAAGL- 654
Db 591 GVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 639
Qy 655 -GLGVGGLGVPGV--GLG----GIPPAKAAKYGVAAPGFLSPI-FPG 699
Db 640 PGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIPGVGIP 691
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Search completed: February 3, 2003, 09:47:07
Job time : 24.5474 secs

61 KPLKVPVPGLAGAGLGGATPATTTPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 120
61 KPLKVPVPGLAGAGLGGATPATTTPGALVPGGVADAAAAYKAAKAGAGLGGVPGVG 120
121 LGVSAGAVVPGAGVKGKGVPGVGLPGVYPGGVLPGARFPFGVGLPGVPTGAGVKPKAP 180
121 LGVSAGAVVPGAGVKGKGVPGVGLPGVYPGGVLPGARFPFGVGLPGVPTGAGVKPKAP 180
181 GVGGAAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGKLPGYGGPGGAGAG 240
181 GVGGAAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGKLPGYGGPGGAGAG 240
241 KAGYPTGTGVPQAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTG 300
241 KAGYPTGTGVPQAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTG 300
301 PAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGIP 360
301 PAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGIP 360
361 GAAPGVVSPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAG 420
361 GAAPGVVSPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAG 420
421 PGVGGVPGVGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGVPGVGLPGV 452
421 PSVGGVPGVGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGVPGVGLPGV 480
453 -GVGTPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGV 511
481 PGVTPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGV 540
512 GVGAGVPGVAGIPGPGVAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGL 571
541 GVGAGVPGVAGIPGPGVAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGL 600
572 AGVPLGLGVAGVPGFGA-----VPGALAAAKA 598
601 AGVPLGLGVAGVPGFGAGADGVRRSLSPELREGDPSSOHLPTSPSSPRVPGALAAKA 660
599 AKYGAAVPGVGLGGALGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGVPGVGL 658
661 AKYGAAVPGVGLGGALGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAGLGGVPGVGL 720
659 GGLGVPGVGLGGIPPPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGL 700
721 GGLGVPGVGLGGIPPPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGL 780
701 ACLGKACGRKRK 712
781 ACLGKACGRKRK 792

RESULT 2
US-08-911-364-1
; Sequence 1, Application US/08911364
; Patent No. 5969106
; GENERAL INFORMATION:
; APPLICANT: ROTHSTEIN, Aser
; APPLICANT: KEELT, Fred W.
; APPLICANT: ROTHSTEIN, Steven J.
; TITLE OF INVENTION: SELF-ALIGNING PEPTIDES MODELED ON HUMAN
; TITLE OF INVENTION: ELASTIN AND OTHER FIBROUS PROTEINS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/911.364
; FILING DATE: 07-AUG-1997
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/023,552
; FILING DATE: 07-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Bent, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 041082/0104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 731 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-911-364-1
Query Match 94.1%; Score 3458.5; DB 2; Length 731;
Best Local Similarity 92.1%; Pred. No. 3e-224;
Matches 679; Conservative 0; Mismatches 1; Indels 57; Gaps 3;
QY 27 GVGPAIPGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 86
Db 1 GVGPAIPGPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 60
QY 87 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAG 146
Db 61 FPGALVPGGVADAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTTGAG 120
QY 147 PGVYVPGGVLPGARFPFGVGLPGVYPIKAPLPGGYGLPYTTGAGVKGKAGVPGV 206
Db 121 PGVYVPGGVLPGARFPFGVGLPGVYPIKAPLPGGYGLPYTTGAGVKGKAGVPGV 180
QY 207 PIKAPLPGGYGLPYTTGKLPGYGGVPGVAGAGAGAGAGAGAGAGAGAGAGAGAG 266
Db 181 PIKAPLPGGYGLPYTTGKLPGYGGVPGVAGAGAGAGAGAGAGAGAGAGAGAGAG 240
QY 267 GAGAGVLPGVGGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 326
Db 241 GAGAGVLPGVGGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 300
QY 327 PGFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 386
Db 301 PGFGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 360
QY 387 PGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 446
Db 361 PGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 420
QY 447 AKAAKYGVGTTPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTT 506
Db 421 AKAAKYGVGTTPAAAAAAYKAAKAGAGLGGVPGVGLPGVYPIKAPLPGGYGLPYTT 474
QY 507 VGVAPGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPG 566
Db 475 VGVAPGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 534
QY 567 GLGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 593
Db 535 GLGVGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 594
QY 594 AAATAKAGVAGVPGVGLGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 653

Matches 339; Conservative 48; Indels 174; Gaps 47;	
Qy	26 PG-GVPG-AIPG-GVPG-----GVFPYGAGLGAAGGALGPG-----GKPLKVPVGGLA 71
Db	7 PGVGVPGVGVPGVGVPGVGVPGVGVPGVGVGGAGSGAGAGSGAGAGSGAGAGSGA 66
Qy	72 GAGLGAGLGAAPPVTFPGALVPGGVADAAAAYKAAKAGAGLG--GVPGVGGLGVSAGAVV 129
Db	67 GAGSGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVGGAGSGAGA 126
Qy	130 PQ-----PGAGVKPGKPGVGLPGV-YPGVGLPGARPGVGLPGVPT-G 172
Db	127 GSGAGAGSGAGSGAGAGSGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 185
Qy	173 AGVKPKAPGVGSAFAG-----IPGVGPFPGGPQ 201
Db	186 VGV-----PGVGGAGAGSGAGSGAGAGSGAGAGSGAGAGSGAGSGAGSGAGSGAG 238
Qy	202 VPLGVPIKAPLPG---CYGLPYTTGKLPGYGPBGVAGAGKAGYPTGTGVCVQAAAA 257
Db	239 VP-GVGVPGVPGVPGVPGVPGV-----GVGVPVGGAGAGSGAGAGSGAGSGAGSGAG 289
Qy	258 AAAKAAAFGAGAGAGVLPVG--GAGVP--GVPG--AIPGIG---GIAGVCTPAAAAAAA 308
Db	290 AGSGAGAGSGAG--AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVGGAGA 348
Qy	309 AAKAAKYGAAAGLVPG-----GPGFPGV-----VGPVAGVPGVPGVPGAGIP--VVP 356
Db	349 GSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAG 408
Qy	357 AGIPCAAAPGVVVSPEAAKA--AAKAAKARPGVGVGCGIPITYGVGAGGFCFGVGVGGIP 415
Db	409 VGVPGVPGVPGVGGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAGAGSGAG 468
Qy	416 GVAGVPGVG-----GVPGVG-----GVPVGGISPEAAAAKAAKAYGYGTTPAAAAKAAK 467
Db	469 GV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVGGAGAGSGAGAGSGAGAGSGAGAGSGAG 527
Qy	468 AAQFALLNLAGLPGVGA PGVGA PGVGA PGVGLARPGVGA PGVGA PGVGA PGVGA PGV 527
Db	528 AG-----AGSVPGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGV--PGVGG 573
Qy	528 GGVAASAKAAKAAKALRAAGLGAG-----IPLGV-GVGVPLGV-GAGVPLGLG 578
Db	574 AGAGSGAGAGSGAGSGAGSGAGSGAGSGAGSGAGAGSGAGAGSGAGSGAGSGAGSGAGSGAG 633
Qy	579 V-GAGVPGFAGVPGALAAKAAKAYGAAPVPGVGLGGLGAGGVGIPGCVGVGAGPAAAAA 637
Db	634 VPGVGVPGVG-----VPGV--CGAGSGAGAGSGAG--AGAGSGAGAGSGAG 674
Qy	638 AAAKAAAPGLVGAAGLGLGVLGVPVCGSLG--GIPPAAAKAAKAYGVAARPGFGLSPI 696
Db	675 GAGSGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 723
Qy	697 PFGAGLKGACG 708
Db	724 --GGAGAGSGAG 733

RESULT 7
US-08-212-237-4
; Sequence 4, Application US/08212237
; Patent No. 5606019
; GENERAL INFORMATION:
; APPLICANT: Cappello, Joseph
; TITLE OF INVENTION: Synthetic Proteins As Implantables
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: U.S.A.
;

;
CITY: San Francisco
STATE: CA
COUNTRY: U.S.A.
;

ZIP: 94111-4187
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/212,237
 FILING DATE: 11-MAR-1994
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Rowland, Bertram I
 REGISTRATION NUMBER: 20,015
 REFERENCE/DOCKET NUMBER: A-58847/BI
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415-781-1989
 TELEFAX: 415-398-3249
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 832 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-08-212-237-4

Query Match 30.9%; Score 1135; DB 1; Length 832;
 Best Local Similarity 44.6%; Pred. No. 1.1e-68;
 Matches 340; Conservative 47; Mismatches 217; Indels 158; Gaps 54;
 QY 26 PG-GVPG-AIPG-GVPG-----GVFPGAGLGGALGPGKPLKPVGGGLAGLGGAG 78
 DB 7 PGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 61
 QY 79 LGAFPAVTPFGALVPGGVADAAAAYKAAKAGAGLG--GVPGVGLVSGAVVPQ---PG 133
 DB 62 AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 121
 QY 134 AGVKPGKPVGCLPGV-YPGGVLPGARPPGVGLPGVPT-GAGVKPKAPGVGAGFAG--- 188
 DB 122 SGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 176
 QY 189 -----IPGVG--PFGPGPQGVV-LGYPIKAPKPLPGVGLPVTTKLPGV 229
 DB 177 GAGSGAGAGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 220
 QY 230 YG-PG-GVAGAAKAGYPTGTGTGVPQAAAAAAKAAKAGAGAGV-LPGVG--GAGVPG 284
 DB 221 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 279
 QY 285 VPGATPGIGIAGVTPAAAAAAKAAKAGAGAGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 342
 DB 280 V--GVPGV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 332
 QY 343 GVGVPAGIPVVPVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 402
 DB 333 GVGVPVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 383
 QY 403 GPFPGVGGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 458
 DB 384 SVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 438
 QY 459 AAAAATAAQAQALNLAGLPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAPGVGVAP 518
 DB 439 GAGSGAG-----AGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 481
 QY 519 VGVAPGIPGGVAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 576
 DB 482 VGV-PGVGGAG 540
 QY 577 LGV-GAGVPGFAGV-----PCALAAAAKAAKY-----GAAVPGV-LGGL 612
 DB 541 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 600

QY 613 GALTG---GVGIPG-GVVGAGPAAAAAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAKAAK 667
 DB 601 GVPVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 660
 QY 668 GLG-GIPAAAAKAAKYGVAAAPGFGLSPIPPGGACLGKACG 708
 DB 661 VPGVGP-----GVGV-PGVGPV--GGAGAGAGAG 689

RESULT 8
 US-08-806-029-27
 Sequence 27, Application US/08806029
 Patent No. 6380154
 GENERAL INFORMATION:
 APPLICANT: Cappello, Joseph
 APPLICANT: Stedronsky, Erwin R.
 TITLE OF INVENTION: Synthetic Proteins for in vivo Drug
 TITLE OF INVENTION: Delivery and Tissue Augmentation
 NUMBER OF SEQUENCES: 36
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Flehr, Hobbach, Test, Albritton & Herbert
 STREET: Four Embarcadero Center, Suite 3400
 CITY: San Francisco
 STATE: California
 COUNTRY: United States
 ZIP: 94111
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/806,029
 FILING DATE: 24-FEB-1997
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/212,237
 FILING DATE: 11-MAR-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Trecartin, Richard F.
 REGISTRATION NUMBER: 31,801
 REFERENCE/DOCKET NUMBER: A-58847-2/RFT/MTK
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (415) 781-1989
 TELEFAX: (415) 398-3249
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 832 amino acids
 TYPE: amino acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 MOLECULE TYPE: protein
 US-08-806-029-27

Query Match 30.9%; Score 1135; DB 4; Length 832;
 Best Local Similarity 44.6%; Pred. No. 1.1e-68;
 Matches 340; Conservative 47; Mismatches 217; Indels 158; Gaps 54;
 QY 26 PG-GVPG-AIPG-GVPG-----GVFPGAGLGGALGPGKPLKPVGGGLAGLGGAG 78
 DB 7 PGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 61
 QY 79 LGAFPAVTPFGALVPGGVADAAAAYKAAKAGAGLG--GVPGVGLVSGAVVPQ---PG 133
 DB 62 AGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 121
 QY 134 AGVKPGKPVGCLPGV-YPGGVLPGARPPGVGLPGVPT-GAGVKPKAPGVGAGFAG--- 188
 DB 122 SGAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 176
 QY 189 -----IPGVG--PFGPGPQGVV-LGYPIKAPKPLPGVGLPVTTKLPGV 229

;
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US95-02772-3

Query Match 30.8%; Score 1133.5; DB 5; Length 936;
Best Local Similarity 42.6%; Pred. No. 1.5e-68;
Matches 345; Conservative 46; Mismatches 209; Indels 209; Gaps 56;
Qy 26 PG-GVPG-AIPG-GVPG-----GVFPAGLGLAGLGGALGPG----- 59
Db 7 PGVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 66
Qy 60 -----GKPLKVPVG-GLAGLGLAGLGLGAPPAVTFPGALVPGGVADAAAY 103
Db 67 GVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 126
Qy 104 KAKAGAGLG--GVPGVGLGVSAAGVPPQPCAGVKPG-KVPGVCLPGV-YPGGVLPGAR 159
Db 127 GVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 181
Qy 160 PFGVGLPVGVPVTPGAGKPKAGVGGAFAG-----IPGVFPFGPPQPGVPL-GVPIKAP 211
Db 182 VPGVGVPV-----GV-----PVGAGAGAGAGAGSVFPGVPGVPGVPGVPGV 232
Qy 212 KLPG-----GYGLPYTTGKLPYGYGPGGVAGAGKAGYP-----TG 248
Db 233 GVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVP 289
Qy 249 GVGPOAAAAAATAKAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 299
Db 290 GV-PGVGVPVGAG 347
Qy 300 TPAAAAAAATAKAG 352
Db 348 VPGVGGAGAGS-----GAGAGSVPGVPGVPGVPGVPGVPGVPGVPGVPGV 401
Qy 353 -----VPGAGIPGAAPVPGVSPAAAAAATAKAGAGAGAGAGAGAGAGAG 398
Db 402 GVGAG 454
Qy 399 VGAGFPFGVGVGIPGVAGVPGV-----GVPGV-----GVPGVIGSPEAQAATAKAA 450
Db 455 VGGAG-AGSGAGAGSVPGV-GVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 500
Qy 451 KYVGCTPAAAAAATAKAAQFALLNLGLVPGVGVAPGVGVAPGVGVAPGVGLAPGVGVA 510
Db 501 --GVGVPGVGGAGAGAG-----AGSVPGVPGV-PGVGV-PGVGV-PGVGV- 546
Qy 511 PGVGVAPGVGVAPGTPGPGVAAAAATAKAAQALRAAAGLGLAGIPGLGV-GVGVPLGL 569
Db 547 PGVGV-PGVGV-PGVGGAGAGS-----GAGSVPGVPGVPGVPGVPGVPGV 592
Qy 570 V-GAGVPLGLV-GAGVPFGVAVPGALAAATAKAGAGAGAGAGAGAGAGAGAGAG 622
Db 593 VPGVGVPGVPGVPGVPGVGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 652
Qy 623 -GVVGAG-PAATAAATAKAAQFGLVGAAGLG--GLVGGGLGVPGV-----GLG-----GI 672
Db 653 VGVPGVPGVPGVGGAG 712
Qy 673 PPAATAKAAK-YGVAARFGGLSPI-PPG 699
Db 713 PGVGGAG 741

RESULT 15

US-08-175-155-39
; Sequence 39, Application US/08175155
; Patent No. 5641648
; GENERAL INFORMATION:
; APPLICANT: Ferrari, Franco A.

;
; APPLICANT: Cappello, Joseph
; APPLICANT: Crissman, John W.
; APPLICANT: Dorman, Mary A.
; TITLE OF INVENTION: Methods for Preparing Synthetic
; TITLE OF INVENTION: Repetitive DNA
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fiehr, Honbach, Test, Albritton & Herbert
; STREET: Four Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: CA
; COUNTRY: US
; ZIP: 94111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/175,155
; FILING DATE: 29-DEC-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Rowland, Bertram I.
; REGISTRATION NUMBER: 20015
; REFERENCE/DOCKET NUMBER: A-55186-5/BIR
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-781-1989
; TELEFAX: 415-398-3249
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1413 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-175-155-39

Query Match 30.6%; Score 1125.5; DB 1; Length 1413;
Best Local Similarity 41.5%; Pred. No. 7.7e-68;
Matches 355; Conservative 55; Mismatches 233; Indels 213; Gaps 58;
Qy 2 AGLTAAAPRPQVLLLSILHPSRPG-GVPG-AIPG-GVPG-----GVFPAGLGLAGLGG 54
Db 85 AGAGSGVPGVPGVPGVPGV-----PGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 138
Qy 55 ALPGGKPLKVPVG-GLAGLGLAGLGAFFPAVTFPGALVPGGVADAAAAATAKAGAGLG 113
Db 139 AGSGVPGVPGVPGVPGVPGV-PGVGV-PGVGVPGVPGVPGVPGVPGVPGVPGV 196
Qy 114 -----GVPGV-----GLGVSAAGVVPQPGAGVKP 138
Db 197 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 256
Qy 139 GKVPVGLPGV-YPGVGLPGARFPGVGLPGVPTGAGVKPKA-----PGVGAAPAGIPGV 193
Db 257 VGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 315
Qy 194 --PGGQPPGV-PGYPIKAPKLPGLPYTGTCLPYGPGVPGVAGAGKAGYP----- 245
Db 316 VPGVPGVPGVPGVPGV-----GVGP-----GAGAGAGAGAGAGAGVPGVPGV 359
Qy 246 -----TGT-GVGPQAAAAATAKAAKFGAAGVLPVG--GAGVP--G 284
Db 360 GVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVGVPVG 419
Qy 285 VPG-AIPGIG-----GIAGVGTTPAAAAATAKAAATAKAAATAKAAATAKAA 333
Db 420 VPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 472
Qy 334 --GVPGAGVPGVPGVPGAGIP-----VPGAGIPGAAGVPGVPGVPGVPGVPGV 377
Db 473 PGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGVPGV 532

[illegible]

Search completed: February 3, 2003, 09:38:48
Job time : 36.7895 secs